Manitoba

Annual Report 1990 - 91

Agriculture

92-03673/

Minister of Agriculture

Room 165
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

To His Honour
George Johnson
Lieutenant-Governor for
the Province of Manitoba

Your Honour:

I have the honour to submit herewith the Report of the Department of Agriculture for the period April 1, 1990 to March 31, 1991.

Yours truly,

Glen Findlay

Glen M. Findlay
Minister

Manitoba

Manitoba

Deputy Minister of Agriculture

Room 159
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

(204) 945-3734

Honourable Glen M. Findlay
Minister of Agriculture
Province of Manitoba

Sir:

It is my pleasure to present the annual report of the Manitoba Department of Agriculture for the twelve-month period ending March 31, 1991.

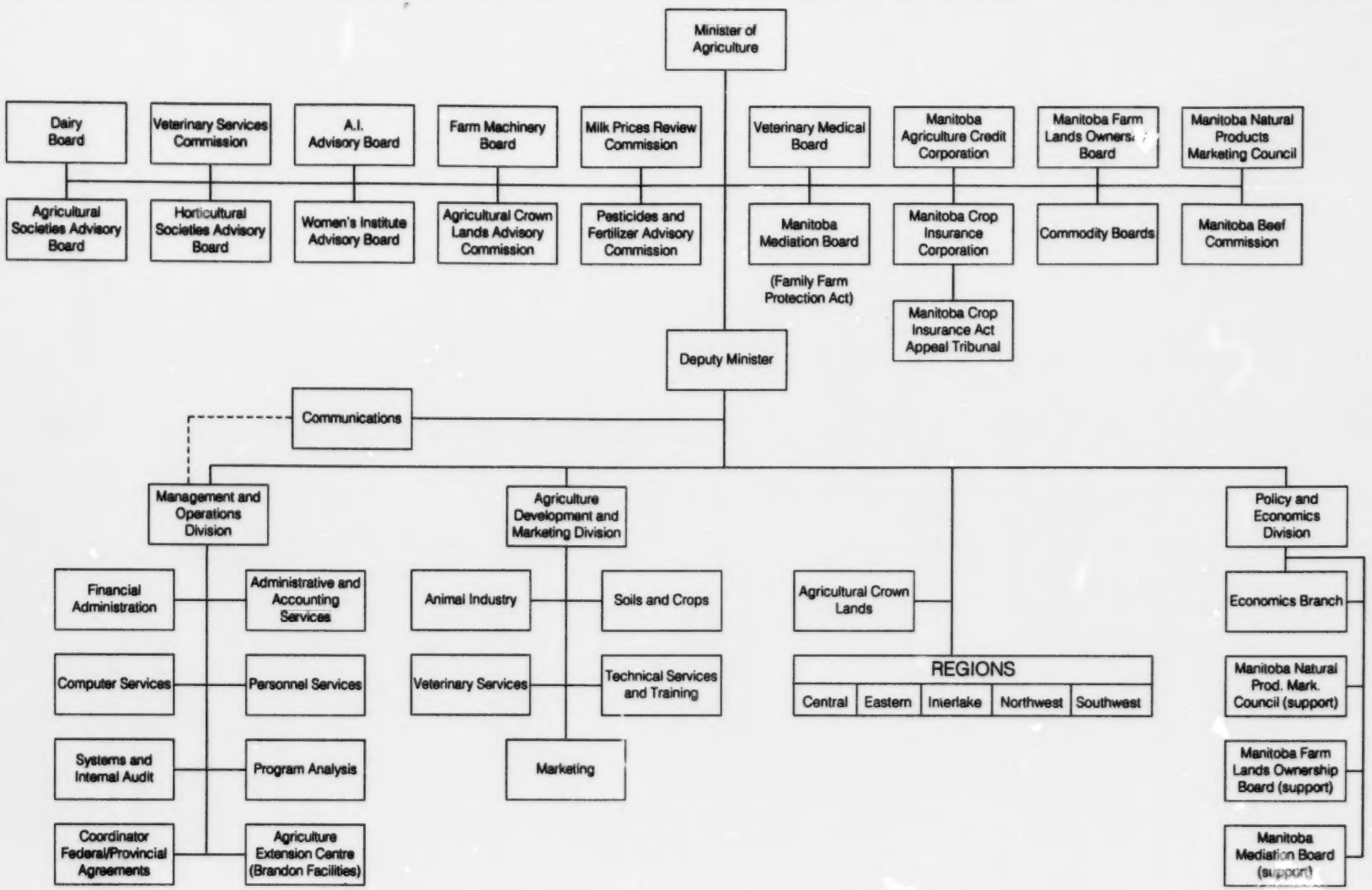
Respectfully submitted,

G. J. Lacomy
Deputy Minister

Table of Contents

TITLE	PAGE
Organization Chart	8
Preface	9
Executive, Directors and Managers	10
Administration and Finance Division (1)	11
Minister's Salary (1a)	11
Executive Support (1b)	11
Communications Branch (1c)	12
Financial and Administrative Services Branch (1d)	12
Computer Services Branch (1e)	13
Personnel Services Branch (1f)	14
Program Analysis Branch (1g)	15
Excess Summerfallow Compensation Program (1h)	16
Manitoba Crop Insurance Corporation (2)	17
Administration (2a)	17
Premium (2b)	17
Canada-Manitoba Waterfowl Damage (2c)	17
Manitoba Agricultural Credit Corporation (3)	18
Agricultural Development and Marketing Division (4)	19
Administration (4a)	19
Animal Industry Branch (4b)	19
Dairy Section	20
Beef Section	20
Swine Section	20
Poultry Section and Feed Analysis Laboratory	20
Nutrition Section	20
Sheep Section	21
Veterinary Services Branch (4c)	21
Soils & Crops Branch (4d)	22
Land Utilization and Soil Survey	22
Horticulture	23
Grassland	23
Crop Management	23
Field Crops	23
Soil and Water Management	23
Technical Services & Training Branch (4e)	24
Agricultural Extension Centre	24
Agricultural Societies and Organizations	24
Agricultural Employment	25
Entomology	25
Farm Machinery Board	25
Home Economics	25
4-H and Youth	25
Engineering	25
Farm Management	26
Northern 4-H	26
Bee Compensation Program	26
Marketing Branch (4f)	27
Regional Agricultural Services Division (5)	28
Northwest Region (5a)	28
Southwest Region (5b)	29
Central Region (5c)	30
Eastern Region (5d)	32
Interlake Region (5e)	33
Agricultural Crown Lands (5f)	34
Policy and Economics Division (6)	35
Administration (6a)	35
Economics Branch (6b)	35
Manitoba Natural Products Marketing Council (6c)	36
Milk Prices Review Commission (6d)	37
Manitoba Farm Lands Ownership Board (6e)	37
Agricultural Research – University of Manitoba (6f)	38
Manitoba Farm Mediation Board/ Family Farm Protection Act (6g)	39
Agricultural Producers' Organization Certification Agency (6h)	40
Federal-Provincial Agreements (7)	41
Agri-Food Agreement (7a)	41
Soil Conservation Agreement (7b)	41
Environmental Innovations Recovery (7c)	42
Income Insurance Fund (8)	43
Administration (8a)	43
Beef Stabilization Plan (8b)	43
Tripartite Cattle Stabilization Plan (8c)	44
Tripartite Hog Stabilization Plan (8d)	44
Tripartite Sugar Beet Stabilization Plan (8e)	45
Tripartite Bean Stabilization Plan (8f)	45
Tripartite Lamb Stabilization Plan (8g)	46
Tripartite Honey Stabilization Plan (8h)	46
Tripartite Onion Stabilization Plan (8j)	47
Livestock Development Program (8k)	47
Drug and Semen Purchases (9)	48
Manitoba Interest Rate Relief Program (10)	49
Manitoba Interest Rate Assistance Program (11)	50
Appendix A: Financial Information	51
Manitoba Agriculture Expenditure Summary for the Year Ended March 31, 1991	51
Manitoba Agriculture Revenue Summary by Source for the Year Ended March 31, 1991	58
Appendix B: Historical Information	60
Manitoba Agriculture Five-Year Expenditure and Staffing Summary by Appropriation for Years Ending March 31, 1987 to March 31, 1991	60
Appendix C: Reconciliation Statement	61
Appendix D: Statutory Responsibilities	62

Manitoba Agriculture
Organization Chart
as at March 31, 1991



Preface

This report was prepared by the Manitoba Department of Agriculture to summarize the activities and accomplishments of the department during the 1990-91 fiscal year. The report format is designed to enable an assessment of results achieved during the year in comparison to the intended results as outlined in the Estimates Supplement document.

The report is organized into three parts. The first section describes the activities, expenditures and accomplishments of the department according to sub-appropriation number. The second section contains summary tables comparing actual 1990-91 expenditures and revenues with budget estimates for the year, as well as with actual expenditures and revenues for the previous year. The third section is a five-year historical comparison of expenditures and staffing by appropriation number.

The mission of Manitoba Agriculture is: to provide leadership in creating a healthy economic climate for farmers to maximize their productivity and improve their quality of life; and to encourage the growth of the agricultural and food industry including the development of rural Manitoba, while ensuring the stewardship of our natural resources.

The department is mandated to provide a range of essential services to Manitoba farmers. These services are aimed at supporting the maintenance and development of family farms in Manitoba.

The specific objectives of the department are as follows:

- to reduce the economic risk for farmers and to enhance and stabilize the income of farm families
- to preserve family farms and to enhance the viability of existing farm enterprises
- to provide an opportunity for farmers, including younger and beginning producers, to enter agriculture and develop viable farming operations
- to maintain and expand production of agricultural commodities, particularly those with a high potential of being further processed in Manitoba (for example, beef and hogs)
- to seek export markets and secure access to these markets for the high quality commodities produced in Manitoba
- to conserve and improve Manitoba's soil resources and preserve the environment
- to support overall provincial government priorities, including community economic development and employment creation
- to promote participation by farmers, farm organizations and rural Manitoba residents in decision-making for enabling the entire agricultural sector in Manitoba to meet future challenges.

In support of these objectives, the department administers and implements many delegated Acts and regulations. The statutory responsibilities of the Minister of Agriculture are listed in Appendix C.

Manitoba Agriculture

Executive

Honourable Glen Findlay, Minister

G. J. Lacorny, Deputy Minister

T. L. Pringle, Assistant Deputy Minister
Agricultural Development and Marketing Division

R. L. Baseraba, Acting Assistant Deputy Minister
Management and Operations Division

C. E. Lee, Assistant Deputy Minister
Policy and Economics Division

Directors/Managers

Communications — L. Shlosser (Acting)
Administrative and Accounting Services —
D. H. Burch (Acting)
Computer Services — R. Takeuchi (Acting)
Personnel Services — D. H. Burch
Program Analysis — G. A. Fearn
Animal Industry — F. P. Baker
Veterinary Services — J. Meek (Acting Coordinator)
Soils & Crops — B. Todd (Acting)
Technical Services and Training — R. M. Deveson
Marketing — A. E. Gascoigne
Northwest — R. Chychota
Southwest — W. Digby
Central — B. F. Manning
Eastern — D. I. Donaghy
Interlake — A. T. Dickson
Agricultural Crown Lands — J. L. Neabel
Economics — H. Gregory
Manitoba Natural Products
Marketing Council — G. H. MacKenzie
Milk Prices Review Commission — A. Strutinsky
Farm Lands Ownership Board — H. D. Osborne
Manitoba Farm Mediation Board — G. Shaw

Administration and Finance Division

The Administration and Finance Division assists the department in planning operational policies and programs, in ensuring that its activities are implemented effectively, and in providing central support service to management and staff.

During 1990-91 the branches within this division were Communications, Financial and Administrative Services, Computer Services, Personnel Services and Program Analysis.

Minister's Salary

This expenditure provides additional compensation an individual appointed to the Executive Council is entitled to.

1(a) Minister's Salary

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
Total Salary	20,500	1.00	20,600	(100)	
TOTAL 1(a)	20,500	1.00	20,600	(100)	

Executive Support

Executive Support is responsible for the communication and effective implementation of department goals and priorities. A key responsibility of this organizational unit is to advise the Minister on strategies and program options to comply with government policies. Executive staff also ensure that all department resources are allocated in accordance with government policies and priorities. During 1990-91, efficient and effective program delivery continued to be a major priority.

1(b) Executive Support

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	397,600	10.00	383,700	13,900	
(2) Other Expenditures					
— Grants/Transfer Payments	15,700		18,000	(2,300)	
— Other	129,600		104,600	25,000	
Total Other Expenditures	145,300		122,600	22,700	
(3) Policy Studies	79,600		117,900	(38,300)	
TOTAL 1(b)	622,500	10.00	624,200	(1,700)	

Communications Branch

The overall objective of the Communications Branch was to provide rural and urban Manitobans with relevant and timely information about the Department's policy, programs, and services. In addition, the Branch assisted other Department staff in producing technical information for farmers.

In support of these objectives, Branch staff worked closely with Department specialists to plan, coordinate and in many cases, to carry out the Department's communication activities. In 1990-91 the Branch produced and distributed more than 100 publications, ranging from simple pamphlets and fact sheets to the 240-page "Guide to Chemical Weed Control." The Branch issued a weekly package of news releases and produced the daily "Country Comment" radio program, which had an audience of about 30,000 listeners. As well, Communications staff produced short television items for the Brandon, Portage la Prairie, and Dauphin regions.

Other activities included the development of several advertising campaigns for Department programs and services. The Branch also coordinated an audio-video library service in six rural locations and provided a range of services to Department staff requiring assistance with audio-visual projects.

1(c) Communications Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	351,700	10.00	351,000	700	
(2) Other Expenditures	168,700		177,100	(8,400)	
TOTAL 1(c)	520,400	10.00	528,100	(7,700)	

Financial and Administrative Services Branch

Financial and Administrative Services provides financial management and administrative support to departmental programs. This support is provided through three units of the Branch: Administrative and Accounting Services, Systems and Internal Audit, and Financial Administration.

The Administrative and Accounting Services Unit helps management and staff develop financial support systems. The unit processes all payments and receives all revenue for the department. In addition, staff process requisitions for office supplies, advertising, office equipment, and telecommunications. This unit also coordinates the departmental vehicle fleet, prepares contracts for the Soil Conservation Agreements, and helps other branches process Freedom of Information applications.

The Financial Administration Unit provides support to all divisions of the department. Unit staff compile annual estimates, quarterly cash flow, and financial information used in Treasury Board and legislative sessional notes.

The Systems and Internal Audit Unit reviews existing and proposed financial and procedural programs of the department and its related agencies. The unit is also a resource to senior management and offers advice in formulating operational policies.

In 1990-91 Administrative and Accounting Services processed 18,700 documents and collected $11,781,200.00 in revenue. In addition, a study on computerization of the processing system was completed. The unit prepared about 1,800 requisitions for office supplies, advertising, and communication services.

Staff continued to arrange for the provision of 147 government vehicles to departmental staff. Staff also supervised and coordinated contracts and prepared quarterly status reports on the Freedom of Information Act.

The Financial Administration Unit continued to compile financial information for the Minister, Cabinet, and Treasury Board during 1990-91. Continual emphasis was placed on consultation with directors and managers to ensure programs were delivered within budget guidelines.

During 1990-91 Systems and Internal Audit completed audit reviews of the Agricultural Extension Centre, several Agri-Food projects, and the Manitoba Interest Rate Assistance Program. In addition, a review of the Personnel/Payroll Branch was launched during the same fiscal year.

1(d) Financial and Administrative Services

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	802,300	25.20	867,900	(65,600)	
(2) Other Expenditures	79,400		104,400	(25,000)	1
TOTAL 1(d)	881,700	25.20	972,300	(90,600)	

Explanation Number:

1. *Reduction in expenditure vs. budget is mainly the result of:*
   $2.0 reduction in travel due to system work on G.R.I.P.,
   15.0 reduction in postal charges for Publications' mailing,
   6.0 reduction in voucher accounting costs due to less requirement for vendor inquiries.

Computer Services Branch

The objective of the Computer Services Branch is to provide computer management services and expertise to all user levels within the Department. These services are required to ensure effective delivery of Manitoba Agriculture's automated programs and computer-related activities.

Computer Services assists with all phases of software development as well as with maintenance and support of existing automated systems. Implementation and training are also carried out by staff. The branch helps develop administrative systems used by department staff and administrative agencies, as well as software used by extension staff in farm management consultations.

During 1990-91, Computer Services developed office systems for the Accounting & Administrative Services Branch and the Agricultural Crown Lands Branch. A recordkeeping system for the Soil and Water Conservation program was also developed and implemented in the year.

The introduction of the Goods and Services Tax (GST) prompted modifications to existing installations at the Manitoba Agricultural Credit Corporation, the Agricultural Crown Lands Branch and the Veterinary Services Branch. Along with these changes, the Computer Services Branch provided hardware and software support to other ongoing computer systems.

The Manitoba Beef Commission continued the process of winding down its operations. Computer Services assisted in this process by discontinuing those portions of their on-line computer activities that were no longer required.

Computer Services staff provided training on existing systems and, wherever possible, for new products introduced to various branches. Computer Services also provided information and direction for training sessions conducted throughout the Department.

1(e) Computer Services

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	274,500	6.00	257,100	17,400	
(2) Other Expenditures	47,700		78,400	(30,700)	1
TOTAL 1(e)	322,200	6.00	335,500	(13,300)	

Explanation Number:

1. *Maintenance costs for computer hardware were significantly lower than expected. Planned expenditures for software and furniture were deferred where possible.*
   Transportation was also lower than predicted.

Personnel Services Branch

The Personnel Services Branch provides for the development, implementation and administration of the departmental personnel program.

The branch assists in filling vacant positions within the department and develops training programs for management and staff. Personnel staff also provide payroll services, administer the department's wage and salary system and advise on employee relations matters. In addition, the branch helps to administer the department's Affirmative Action Plan and the Workplace Health and Safety Committee system.

In the area of training and development, the branch continued to emphasize updating of professional skills (138 days) and management training (166 days) during 1990-91. Identified needs were also met through computer training (40 days) and orientation of new staff (38 days).

Personnel Services helped recruit staff for four managerial positions, 41 professional/technical positions and 21 support positions.

1(f) Personnel Services

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	219,700	7.00	248,800	(29,100)	
(2) Other Expenditures	26,400		23,600	2,800	
TOTAL 1(f)	246,100	7.00	272,400	(26,300)	

Program Analysis Branch

Program Analysis' primary objectives are: (1) to provide program analysis and evaluation to assist in effective delivery of the department's programs and activities; (2) to provide management information and analysis support towards making proactive decisions; and (3) to coordinate federal-provincial government agreements pertaining to agriculture.

During 1990-91 Program Analysis prepared and coordinated program narratives for the department's preliminary and final estimates document, the "Supplement for Legislative Review" book, and other explanatory documents relating to the department's proposed budget. Also, staff coordinated and edited the "Sessional Notes" book in conjunction with Financial Administration.

Program Analysis coordinated and edited an updated edition of the "Programs and Services for Agriculture" publication. This document was designed to inform readers of available services within various departmental program areas.

The Branch assisted Regional Directors in finalizing criteria and data categories for commonly derived statistics on the combined regions. Staff also assisted management through consultation and document preparation relating to amendments of statutes administered by the department. In addition, Program Analysis conducted several reviews involving a variety of departmental areas.

During 1990-91 the Branch continued to assist the department executive in coordinating a Strategic Management process. The undertaking was designed to map out a route for the department to follow in addressing the opportunities and challenges of the 1990's. As well, within its department coordinating role, the branch provided advice to management and prepared correspondence in responding to Freedom of Information (F.O.I.) applications for access. Included within its F.O.I. activities, Program Analysis prepared various overview and summary documents.

The branch's federal-provincial coordinator was actively involved in monitoring, evaluating, and reporting on projects under the Agri-Food Agreement. In addition, the coordinator assisted the department in liaising with the Government of Canada concerning the various component plans within the federal-provincial Soil Conservation Agreement.

1(g) Program Analysis

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	227,600	5.00	221,500	6,100	
(2) Other Expenditures	10,100		13,500	(3,400)	
TOTAL 1(g)	237,700	5.00	235,000	2,700	

Excess Summerfallow Compensation Program

The Excess Summerfallow Compensation Program provided a special deficiency payment for qualifying producers in the Interlake region, the Rural Municipality of Brokenhead and western portion of the Local Government District of Alexander during 1989-90. Qualifying producers under this Canada-Manitoba program had excessive soil moisture conditions and were ineligible for the 1986 federal Special Grains Deficiency payment.

The Province and the federal government equally shared the cost of compensating producers who had excessive soil moisture, were unable to plant a crop and had to resort to summerfallowing. The payout calculation was based on the difference between an individual's 1986 summerfallow acreage compared to his or her 1983 to 1985 average summerfallow. Manitoba Agriculture administered this program through both central administrative and regional staff, with both levels of government sharing the associated costs.

Payouts under this program were completed in 1989-90. A total payout of $811,976 was made to 511 farmers and administration costs totalled $24,507. The provincial share, allowing for 50 per cent recovery from the Government of Canada, was $418,241.

1(h) Excess Summerfallow Compensation Program

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Administration	0	0.00	0	0	
(2) Assistance Payments	0		0	0	
TOTAL 1(h)	0	0.00	0	0	

Manitoba Crop Insurance Corporation

The Manitoba Crop Insurance Corporation (MCIC) is responsible for the development and implementation of crop insurance programs as provided under the Manitoba Crop Insurance Act. MCIC also administers the national tripartite programs in Manitoba, the Canada-Manitoba Waterfowl Damage Compensation Program and other programs for producers as requested from time to time by the Minister of Agriculture. The Corporation's 1990-91 activities and financial data are detailed in the MCIC annual report.

2(a) Manitoba Crop Insurance Corporation — Administration

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	3,220,100	80.00	2,604,300	615,800	1
TOTAL 2(a)	3,220,100	80.00	2,604,300	615,800	

Explanation Number:

1. *A special warrant was required to cover the overage in Administration. This increase was due to a) $334.1 in GRIP start-up costs, b) $100.0 in billings for rent in Government Buildings and increased rental payments and c) $181.7 in adjusting costs from early hail claims, increased participation and Livestock Feed Security Monitors.*

2(b) Manitoba Crop Insurance Corporation — Premiums

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	20,886,200		19,000,000	1,886,200	1
TOTAL 2(b)	20,886,200		19,000,000	1,886,200	

Explanation Number:

1. *A special warrant was required to cover the overage in MCIC Premiums. This increase was mainly due to:*
   a) *$1.3 million increase in premiums as a result of a larger number of producers selecting higher coverage under Livestock Feed Security Program than planned and*
   b) *$0.6 million increase in All Risk Premiums.*

2(c) Canada-Manitoba Waterfowl Damage

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
Compensation Agreement — Grants/Transfer Payments	142,300		300,000	(157,700)	1
TOTAL 2(c)	142,300		300,000	(157,700)	

Explanation Number:

1. *Good weather permitted an early harvest which reduced the number of damage claims.*

Manitoba Agricultural Credit Corporation

The Agricultural Credit Corporation (MACC) administers the Manitoba Agricultural Credit Corporation Act. The Corporation's activities during 1990-91 are detailed in the MACC annual report.

3 Manitoba Agricultural Credit Corporation

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	8,318,200	55.00	15,310,800	(6,992,600)	1
TOTAL: Manitoba Agricultural Credit Corporation					

Explanation Number:

1. *The surplus is the net result of four factors:*
   a. *Allowance of Doubtful Accounts was $6,108,300 lower than anticipated (budget $7,000.0) mainly as the result of two factors:*
      i. *A large number of accounts with poor payment records were dealt with in 1989-90 and therefore collections were better than anticipated in 1990-91.*
      ii. *The introduction of the enhanced Young Farmer Rebate Program and the crediting of the rebate to loan billings continues to have a positive impact on collections.*
   b. *Special Farm Assistance was $606,000 lower than anticipated (budget $1,100). Although the contingent liability expected for the year was voted, a substantial portion was not realized. Refinancing and other alternatives have proven satisfactory in most cases to date. As time continues, it is expected that these solutions will not be sufficient and increased expenditures will occur.*
   c. *Loan Guarantees were $745,000 lower than anticipated (budget $1,500.0). Draw of funds from the department by MACC is based on the amount of guarantees required to be provided for or paid. Issued guarantees were less than anticipated resulting in fewer claims than expected.*
   d. *Young Farmer Rebates were $392,600 greater than anticipated (budget $2,500.0). More farmers took advantage of the program in the poor economy than was expected.*

Agricultural Development and Marketing Division

The Agricultural Development and Marketing Division provides specialist services to field staff and producers. The branches within this division are Animal Industry, Veterinary Services, Soils & Crops, Technical Services & Training, and Marketing.

Administration

Administrative staff manage the financial resources and personnel of the division to ensure effective implementation of programs and activities.

4(a) Development and Marketing-Administration

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	99,400	2.00	98,600	800	
(2) Other Expenditures	11,600		7,900	3,700	1
TOTAL 4(a)	111,000	2.00	106,500	4,500	

Explanation Number:

1. *The overage was due to participation in major Federal/Provincial Agricultural Policy Review meetings and task forces.*

Animal Industry Branch

The Animal Industry Branch provides technical support, specialized services and information to regional extension staff and farmers to enhance the development, productivity, and marketing knowledge and skills of Manitoba's livestock producers. The branch administers regulations pertaining to the Manitoba Dairy Act, Margarine Act, Livestock and Livestock Products Act and Animal Husbandry Act.

The branch is comprised of six sections: Beef, Dairy, Nutrition, Poultry and Feed Analysis, Sheep and also Swine.

All sections are engaged in comprehensive extension activities through support of, and in cooperation with, regional extension staff. Staff attend regional producer meetings, act as principal speakers or technical advisers at workshops and demonstrations, and conduct both on-farm and telephone consultations. Timely technical information is disseminated through publications, news releases and the mass media. These extension activities cover all aspects of production and marketing including: food safety, nutrition, housing, breeding, disease control, genetics, marketing, record keeping, husbandry and management.

The branch provides a variety of services and assistance to help improve productivity and livestock management. Coordination and resource support are provided to record of performance (ROP) programs for swine, sheep and beef and for the dairy milk recording program. A brand registration program and brands book are maintained. The branch operates the Provincial Dairy Laboratory in its regulatory control of production and processing of milk products across the province. This activity is carried out to ensure consumer safety and to improve product quality. In-depth and regular inspections of all dairy farms and processing plants is a major branch responsibility.

Staff inspect hatchery and hatchery supply flocks to ensure disease control and operate the Feed Analysis Laboratory. Provincial Nutritionists offer comprehensive nutritional recommendations and information to field staff and livestock farmers. Staff provide liaison for the Department on a continuing basis with livestock producer groups, industry and other governments.

The following results were achieved by each section during the 1990-91 fiscal year.

Dairy Section

Under The Dairy Act and The Margarine Act, the Dairy Section registered 980 dairy farms and issued 429 licences for dairy plants and technical operators. As well, staff provided support concerning the generation of milk recording information for 510 herds. The Provincial Dairy Laboratory completed 115,000 analyses, down 50,000 over last year due to completion of transfer of butterfat testing to the Milk Producers' Marketing Board. The Section conducted 3,203 dairy farm, plant and depot inspections and investigated 49 consumer complaints on finished dairy products. The comprehensive pasteurization control program remains as a high priority with 20 pasteurization units evaluated and timed and all critical control points sealed.

Reducing the provincial average Bulk Tank Somatic Cell Count (BTSCC) was also an area of high priority. Staff conducted a four day clinic on Milking System Analysis for 23 dealers, specialists and veterinarians; conducted five Dairy Seminars across Manitoba with 390 producers in attendance; held seven farm workshops on Mastitis Control and 57 Milking Management analyses. The average BTSCC was reduced from 350,000 in 1989 to 320,000 in 1990; an 8.6% reduction.

To promote technology transfer the Section held update courses at four centres for 70 bulk milk graders; conducted a bulk milk grader course and a milk receivers course with 29 in attendance. Staff spoke at 19 regional meetings; produced two factsheets and issued a comprehensive treatise on Milking Equipment.

Beef Section

More than 12,000 calves were tested through the Record of Performance (ROP) program and 16,940 cows from 242 herds were evaluated. In addition, evaluations in recognized bull test stations were conducted on 1,044 bulls representing 11 breeds from 261 herds. The Section developed a computerized recording and printing system for 5,343 brands. Staff were involved in the licensing of 130 dealers and 68 agents and in the implementation of livestock dealer licensing and bonding regulations. Amendments were completed for the Animal Husbandry Act and the framework for a Livestock Vendor Security program was developed in consultation with industry sectors.

Staff initiated extension planning sessions with industry and regional staff to evaluate program needs and implementation. From these sessions, project teams were formed to implement specific technical and training sessions such as the Ag Lenders Workshop series. In addition, staff produced two quarterly publications, a management calendar and material for 25 presentations to producers and staff. The section also developed two major production and management seminars in cooperation with the industry.

Swine Section

The use of artificial insemination for swine has continued to grow in Manitoba. On average, 1,430 sows were bred per month in over 104 herds. The Swine Artificial Insemination (AI) Technician Service Agri-Food Project and active promotion of the practice by two private semen producers has resulted in Manitoba having the highest usage of artificial insemination in Canada. Six seedstock herds participated in the Provincial Swine Herd Health Program. Four publications were distributed to 900 subscribers through the Swine Fact Sheet Service and four management newsletters (Manitoba Swine Update) were produced and distributed.

Staff helped organize Manitoba Hog & Poultry Days and the Manitoba Swine Seminar. In addition, Swine Strategy meetings were held with staff and industry representatives. There were 3,380 animals in 15 herds tested under the Record of Performance (ROP) program and 370 boars tested at the boar-test station.

Poultry Section and Feed Analysis Laboratory

The Feed Analysis Laboratory performed 50,824 analyses on 7,416 samples, including 4,294 Manitoba Crop Insurance Corporation samples and 3,122 regular samples. Tables of nutritional values of Manitoba forages were prepared and distributed to staff.

Through 278 farm visits, the Poultry Section inspected and approved 73 hatchery supply flocks involving 244,929 birds. As well, 11,097 blood tests were conducted: to monitor for the diseases Mycoplasma Gallisepticum, Mycoplasma Synoviae and Mycoplasma Meleagridis; and to provide data for export shipment. To monitor the effectiveness of vaccination programs, 1,170 blood samples were submitted for Enzyme Linked Immunosorbent Assay blood testing.

Nutrition Section

The role of the Nutrition Section is to ensure that producers and owners of all species of animals have access to the most up-to-date technical information on nutritional practices. The demand for nutritional services comes from producers, Manitoba Agriculture staff, and increasingly from practicing veterinarians.

Detailed and "easy to understand" feeding recommendations were provided in response to results of feed analysis. During 1990-91 the Nutrition Section forwarded 958 written reports directly as a result of feed analysis. In addition, several hundred recommendations on ration formulation and feeding practices were made by mail and telephone to producers, veterinarians, and agri-business.

The Nutrition Section was actively involved in training and extension. During 1990-91 staff training workshops on nutrition and ration formulation were held in each of the five regions. In addition, 36 major presentations on animal nutrition were given at producer meetings, 21 industry related meetings were attended and four issues of the "Nutrition Update" newsletter were forwarded to staff and rural veterinarians.

Sheep Section

The sheep specialist held fourteen field days on various subjects of sheep production and management as well as conducted 23 farm calls. The Section published a bi-monthly industry newsletter and production-related factsheets. Staff organized the annual sheep seminar and the annual summer sheep sale. In addition, staff assisted with the active industry development programs of the Manitoba Sheep Association and the Manlamb Producers Co-op. Technical support and financial administrative assistance was provided to the Manitoba Livestock Performance Testing Board.

4(b) Animal Industry Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,625,300	44.40	1,658,100	(32,800)	
(2) Other Expenditures					
— Grants/Transfer Payments	136,000		137,100	(1,100)	
— Other	402,200		455,000	(52,800)	
Total Other Expenditures	538,200		592,100	(53,900)	
TOTAL 4(b)	2,163,500	44.40	2,250,200	(86,700)	

Veterinary Services Branch

The objectives of the branch in 1990-91 were: to advise on the control and prevention of livestock diseases; to promote the availability and use of veterinary and diagnostic laboratory services; and to administer the public animal hospitals, the diagnostic laboratory and the Veterinary Drug and Semen Centres.

In 1990-91 the branch administered the Veterinary Services Act, the Veterinary Science Scholarship Fund Act, Part VII of the Animal Husbandry Act and the Animal Diseases Act, which includes provisions regarding animal abuse and neglect. During the year 73 complaints of inhumane treatment of animals were investigated: 14 were deemed unjustified, 59 required corrective measures and charges were laid in one case.

Through the Veterinary Science Scholarship Fund, financial assistance was provided to 25 Manitoba students enrolled at the Western College of Veterinary Medicine. The Summer Employment Program subsidized the salaries of 17 students. Students under this program were provided with practical experience and encouragement to practice in rural areas upon graduation.

In operating the only veterinary diagnostic laboratory in the province, the branch provided technical and specialist services to rural and urban veterinarians. The branch in doing so also monitored livestock diseases. The laboratory conducted 308,269 tests, an increase of 4% over the previous year.

Under the Veterinary Services Act, the branch provided provincial grants to 31 clinics. This funding helped to support a 24 hour service seven days a week through 57 veterinarians and their staff. Also during the year thirty meetings were held with Veterinary Services District Boards.

Through provisions of Part VII of the Animal Husbandry Act and the activities of the Semen Centre, the branch ensured that all producers had access to semen of their choice and adequate technician services. Partial subsidies totalling $45,100 were paid to 37 technicians to offset the cost of 20,206 inseminations. During 1990-91 semen was purchased for resale by the Centre. To promote the use of artificial insemination, staff helped organize and conduct seven AI schools successfully completed by 108 cattle producers.

Veterinary Services also operated the Veterinary Drug Centre, providing Manitoba veterinarians with a complete line of drug supplies. Volume purchasing by the Centre effected considerable savings passed on to producers. A 24-hour delivery service to anywhere in the province precluded the need for veterinarians to carry a large inventory of products.

To support research related to the control of livestock diseases the branch provided funding of $15,500 to the Veterinary Infectious Diseases Organization. The Rabies Indemnity Program, a federal/provincial initiative to monitor the incidence of rabies, was administered by the branch. Payments within this program area totalled $5,000. Branch staff conducted 12 on-farm disease investigations and gave animal health related presentations at 30 livestock producer meetings.

4(c) Veterinary Services Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,511,800	43.15	1,482,600	29,200	
(2) Other Expenditures					
— Grants/Transfer Payments	675,900		579,400	96,500	
— Other	603,400		596,900	6,500	
Total Other Expenditures	1,279,300		1,176,300	103,000	1
TOTAL 4(c)	2,791,100	43.15	2,658,900	132,200	

Explanation Number:

1. *A special warrant was required to cover the overage in Other Expenditures due to Capital grants not planned (Deloraine Satellite Clinic $25.0 and an initial Capital grant of $67.0 to the Fisher Veterinary Clinic).*

Soils and Crops Branch

The Soils and Crops Branch provides coordinated program development to enhance crop production and soil & water management. In support of these objectives, the branch provides regional staff and farmers with technical support, specialized services and information to enhance the productivity, output and marketing capability of Manitoba's crop producers. In addition, the branch administers acts and regulations related to crop, forage and horticultural production, and participates in federal/provincial cost-shared programs to reduce soil degradation.

The branch is comprised of six sections: Field Crops, Forage Crops, Horticulture, Crop Management, Land Utilization & Soil Survey, and Soil & Water Management. All sections are extensively involved in the investigation and demonstration of new crop varieties and production practices. Technical information is also disseminated through publications, news releases and the mass media.

During 1990-91 the branch provided a variety of producer services to promote sound crop management. Staff operated a soil analysis and plant tissue testing laboratory, conducted soil surveys and diagnosed plant diseases. In the area of weed control, staff conducted numerous consultations with farmers and training sessions for rural municipalities, dealers and applicators.

The following results were achieved by the branch in 1990-91.

Land Utilization and Soil Survey

Staff were involved in 140 meetings with municipal officials, the public and other government departments on land use planning issues. New enhanced reconnaissance soil surveys were conducted covering 330,000 acres (133 500 ha) in southern Manitoba. One soil survey report was published for rural Manitoba.

Horticulture

Grants to 39 horticulture societies under the Manitoba Horticulture Society Act were processed. Training for Arborists was provided through the School of Agriculture, University of Manitoba, with the approval of the Advisory Committee for Tree Protection. Of those attendants who took the course, 42 passed the related exam qualifying for a tree pruner's licence. The branch processed tree pruner renewal licenses as well as new licences for 253 people. In addition, twenty-five nurseries were inspected under the Plant Pests and Diseases Act.

Staff conducted 23 trials relating to marketing, production, crop development, pest management, irrigation and product quality. Thirty-five group meetings and workshops were held and staff assisted with 19 field days and harvest festivals. The section worked closely with 13 commodity associations, boards and industry groups. Two major production guides were revised and published. In addition, 25 news releases, newsletters and radio interviews were produced or co-produced.

The Homeowner Inquiry Service continued with 74% of the 3,250 inquiries responded to by the Hort-Line, and 26% by professional staff. Overall, staff made 280 contacts with institutions or the industry on specific activities, and 5,100 producer-activity contacts through group activities.

Grassland

Staff were involved in 25 producer meetings to present forage and seed production information to growers. Six issues of the "Greener Pastures" newsletter were prepared and distributed to 100 forage producers. A considerable portion of staff time was involved in implementing the Department's Forage Strategy. In co-operation with regional staff, the branch assisted in the start-up of the Manitoba Forage Council and helped promote hay marketing. In addition, staff were seconded to and managed the 1989 Canada-Manitoba Crop Loss Compensation Program.

Crop Management

Staff conducted over 50 field trials to evaluate and demonstrate new technology in soil fertility, disease control and weed control. Publications were revised and distributed during the year; some of these publications included Field Crop Variety Recommendations and 16,000 copies of the Guide to Chemical Weed Control. Staff participated in more than 50 extension meetings and provided updated information to farmers through approximately 50 radio interviews, 20 newspaper articles and 25 news releases.

The branch administered the Noxious Weeds Act and responded to three requests for authorization to conduct weed control operations exceeding the limit of $500 per quarter section (as provided for under Section 17 of the Act). Funding of $410,971 was provided to 34 weed districts in support of municipal activities. This funding was expended to: identify 2,150 weed samples: provide more than 20,000 weed control recommendations; inspect 1,537 fields; and issue 462 weed control notices under the Noxious Weeds Act.

The Provincial Soil Testing Laboratory conducted over 20,000 soil analyses and 1,300 tissue analyses for farmers and agri-business, as well as providing fertilizer recommendations based on analysis results. The Plant Pathology laboratory analyzed 3,500 samples for plant diseases for farmers and agri-business. Under the Dutch Elm Disease Program, 5,280 hazard tree forms were processed and 2,224 samples were cultured for disease.

Field Crops

Staff participated in 20 regional extension meetings to present crop production and varietal information to farmers. The Field Crops Section coordinated and monitored the Agri-Food Variety Evaluation Project contracted with the University of Manitoba. Under this project 156 varieties of cereal, oilseed and special crops were evaluated in a range of 3 to 13 test sites. The section also coordinated varietal testing programs for sunflowers and corn, resulting in the registration of 11 new sunflower hybrids and 10 corn hybrids. Two comprehensive bulletins concerning crop production were prepared for printing and broadly distributed. Varietal performance data for a wide range of annual crops were assembled for printing and 15,000 copies of the annual Variety Recommendation booklet were distributed. New crop investigations included the screening of 20 crops for feasibility of production in Manitoba. Lathyrus, lupins and small seeded soybeans continued to show good promise. Multiplication of the most promising lines from these three crops was successfully achieved.

Soil and Water Management

During 1990-91 considerable staff time was dedicated to the development and implementation of the Farming for Tomorrow program under the $18 million Canada/Manitoba Soil Conservation Agreement. In conjunction with regional staff, the branch assisted 44 local conservation organizations and participated in developing many programs to reduce soil degradation. Staff held more than 60 extension meetings with producers and local governments, and 312 meetings with other departments and agencies. The branch was involved in 18 applications under the Irrigation Grant program and conducted 23 on-farm water management surveys. The Manitoba Drought Centre provided senior management with five detailed briefings. Staff also provided technical support to the review process of the Canada Drought Assistance Program.

4(d) Soils and Crop Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	2,058,500	48.47	2,014,600	43,900	1
(2) Other Expenditures					
— Grants/Transfer Payments	712,700		673,600	39,100	2
— Other	530,900		522,600	8,300	
Total Other Expenditures	1,243,600		1,196,200	47,400	
TOTAL 4(d)	3,302,100	48.47	3,210,800	91,300	

Explanation Number:

1. *A special warrant was required to cover the overage in salaries that was due to unplanned retirements and unbudgeted salary costs in Soil Survey.*
2. *A special warrant was required to cover the overage in other expenditures. A high level of soil testing activity plus the formation of a new weed district resulted in increased expenditures for the soil test and weed district grants.*

Technical Services and Training Branch

The objective of the Technical Services and Training Branch is to encourage efficiency and growth in the agricultural sector. In support of this objective the Branch provides regional extension staff and farmers with technical support in the areas of: agricultural engineering; entomology; apiculture; farm management; agricultural training and employment; 4-H and youth; home economics; and agricultural societies. Technical Services and Training provides direction and overall coordination for programs in these areas. To ensure effective program delivery, the branch provides regional staff with in-service training, study materials, publications and other resources. Branch staff are also directly involved in the delivery of these services on a province-wide basis.

The branch is responsible for administrating several Acts. During 1990-91, staff administered the Farm Machinery and Equipment Act, Agricultural Societies Act, Women's Institutes Act, Pesticide and Fertilizer Control Act, Bee Act, Bee Keepers Act and Horse Racing Regulation Act. The branch also trains and licenses pesticide dealers and commercial applicators, and provides rebates to municipalities for grasshopper control costs.

Sixty-three agricultural societies received grants through Technical Services and Training. The branch also provided direction and funding to the Prairie Agricultural Machinery Institute in Manitoba. In addition, staff served as advisers to the Agricultural Committee of Workplace, Safety and Health, Assiniboine Community College, Canada-Manitoba Agricultural Employment Committee, Manitoba Women's Institute and Manitoba 4-H Council.

The branch achieved the following results during 1990-91:

Agricultural Extension Centre

The Agricultural Extension Centre (A.E.C.) through its principal, sponsored 28 events for 6,100 participants. Twenty of these events were held at the A.E.C. (an increase of 42% from the previous fiscal year). A new user fee schedule and increased attendance resulted in an increased cost recovery for courses under the Centre's control from 39% to 66%. Some of these events covered such subject areas as marketing, enhanced productivity, and sustainable development.

In addition, the Agricultural Extension Centre served as a training and educational facility for rural Manitobans accommodating 728 events for 25,466 people. Agriculture-related meetings increased during 1990-91 by 11% to 325. Many Manitoba Government departments used the Centre. For example, they initiated over 50% of the multi-day events held there.

Agricultural Societies And Organizations

The branch provided $440,330 in support and grants to 63 agricultural societies in Manitoba, and $75,000 to the Keystone Centre in Brandon for operating and capital improvement expenditures. Funding and consultation were provided to the Agricultural Hall of Fame ($6,200), Women's Institute ($40,000), Manitoba Farm Vacations Association ($23,700) and Manitoba exhibitors at the Toronto Royal Winter Fair ($25,000). Also, within this program area, 43 Manitoba farm families were recognized as Century Farm Families during the year.

Agricultural Employment

Staff responded to 18 inquiries relating to agricultural employment concerns such as on legislation of hours of work, workplace health and safety, workers compensation and vacations. Further, staff coordinated department activities related to Agriculture in the Classroom and with Employment and Immigration Canada. Agricultural training courses for producers, jointly arranged and delivered with Assiniboine Community College, were also coordinated by branch staff.

Entomology

The branch was involved in diverse entomology activities during 1990-91. Apiary inspectors visited 332 beekeepers and inspected 7,889 honey bee colonies for American Foulbrood Disease. The branch collected and analyzed 1,486 bee sample units (each with 100 bee samples) for the presence of honey bee trachael mite and analyzed 200 colonies for the Varroa mite.

Staff administered the Municipal Grasshopper Assistance Program. A total of $297,825 was paid to 46 municipalities as a rebate for insecticide costs. The annual Manitoba grasshopper survey and forecast map was also completed in 1990-91. In addition, the branch licensed 796 retail pesticide dealers and 631 commercial pesticide applicators. Training courses and written examinations were held for 625 dealers and applicators with various licensing requirements.

Farm Machinery Board

The Board and its support staff administered the Farm Machinery and Equipment Act. In doing so, the Board was involved with all aspects of the farm implement industry from the farmer, dealer and distributor to the manufacturer. The Board provided assistance in resolving farm machinery problems (for example, problems related to financial and mechanical concerns).

The Board received, processed and made decisions on 98 applications for leave to repossess. There were 76 complaints registered with the Board — all of which were resolved. The Board met on six occasions to make judgements on applications for leave to repossess together with other subjects needing to be addressed. As of March 31, 1991, the Board licensed 379 dealers and 147 vendors. Under The Farm Machinery Act Fund bond coverage was issued for 148 licensees.

Home Economics

Home Economics staff provided information on family finance, family resource management, family living, food safety and leadership development to field staff, volunteers, fee-for-service home economists, other professionals and the public. This related information was communicated directly to Manitobans through 74 educational events; 17 television shows; 17 radio tapes; and nine media interviews. Also within the area of information service, 46,577 Home Economics publications were distributed as well as eight new and 29 revised fact sheets printed. A total of 28 other printed resources including newsletters, teaching kits, and updated Financial Counselling Guides series were completed.

The section, in cooperation with the Faculty of Human Ecology, began a one-year joint study with Alberta Agriculture called FAMEX. Field staff are working with 233 farm families in the province to record family living costs during 1991. The data will be analyzed and released in 1992.

The Home Economics Section conducted seven staff training events, including two two-day workshops. Staff within this program area also conducted 14 training sessions for other professionals, including home economists who serve the program as volunteers. There were 67 volunteer projects coordinated by staff involving 1,184 people and consultations provided to 437 professionals and 79 consumers.

4-H and Youth

The branch's staff provided coordination and leadership for 283 4-H clubs involving 5,130 youth and 2,114 adult volunteers. Over 85,000 copies of resource material were made available to 4-H members across the province. Two hundred and twenty-five (225) leaders received recognition certificates and congratulatory letters from the Minister of Agriculture for their long-term involvement in the 4-H program.

Staff participated in coordinating 24 events involving provincial, inter-provincial and national activities. The 4-H and Youth Section was involved in the hosting of 30 Japanese visitors, a 4-H trip to Western Canada, as well as the 5th annual Highway Clean-up Campaign. To raise public awareness of the 4-H Program, staff promoted Manitoba 4-H Week and distributed 20 news releases, as well as participated in seven radio and television spots. During 1990-91 Contact magazine was not printed because of budgetary priorities within the respective program area.

Awareness of Child Abuse was the subject of training sessions for the Board of the Manitoba 4-H Council, as well as the 4-H Specialist Team. All 40 4-H Program assistants participated in regional training sessions which included project updates and a professional development session on leadership styles.

Engineering

The Agricultural Engineering Section conducted several development and evaluation projects including a comparison of hog feeder designs; field testing of direct cut versus windrow harvesting methods; design and testing of an in-field, small fruit cooler; and an evaluation of a low cost outdoor swine housing facility. Tests were conducted on new designs of flat spray nozzles, and on a series of locally manufactured rotary chaff screens for tractors and combines. An evaluation project on seepage from livestock waste lagoons was started, and a preliminary draft of livestock waste management guidelines was prepared. A project on testing and upgrading of temperature control systems for poultry barns and egg rooms was completed.

Staff were involved in general educational and extension activities through: speaking at 18 public farm meetings and 2 field days; preparing 23 press and radio news releases; organizing and attending informational displays at Ag Expo, Manitoba Ag Days, Agri Forum, Swine Seminar and Hog and Poultry Days; preparing a new rental rate guide for farm machinery; distributing several thousand building plans and engineering publications; and answering over 1,100 inquiries from farmers and agri-business personnel. In addition, staff held three commercial pesticide applicator training courses.

Some of the other various services provided by the Agricultural Engineering Section included: conducting particle size analyses for feed mills and veterinarians; designing 11 vegetable storages, 10 hog barns, 10 grain handling and storage systems, eight seed cleaning plants, a portable foundation for hopper bins, and a series of generic grain handling plans for local suppliers; conducting investigations on structural problems in veterinary clinics for the Veterinary Services Branch; conducting five official machinery investigations for the Farm Machinery Board; and providing technical assistance to regional engineers and other staff.

Farm Management

The Farm Management Section produced and distributed 25 farm management bulletins as well as five major publications and reference manuals. Staff conducted 20 training seminars and spoke at 18 public meetings. In cooperation with the University of Manitoba, the section also helped coordinate and plan a major farm management seminar attended by 192 farm families. Staff were involved in four projects working with the University of Manitoba, financial institutions and agri-business.

Northern 4-H

In 1990-91, there were 236 young people and 67 adults who participated in 4-H club activities in the communities of Gillam, Sundance, Thompson, Grand Rapids, Flin Flon, The Pas and Carrot Valley. In addition to local project meetings, members and leaders participated in conferences, leadership training events, communications competitions and award trips both at regional and provincial levels. A new 4-H bulletin was designed to increase awareness of the 4-H program across Northern Manitoba.

Bee Compensation Program

Under this non-recurring program (which terminated in 1989-90) special assistance for beekeepers was administered by the Entomology Section. All applicable beekeepers were paid $10 for each colony over the 100-colony deductible. A total of $676,720 was paid to 150 beekeepers in 1989-90.

4(e) Technical Services and Training Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,913,900	55.22	1,961,000	(47,100)	
(2) Other Expenditures					
— Grants/Transfer Payments	501,300		495,900	5,400	
— Other	653,200		720,700	(67,500)	
Total Other Expenditures	1,154,500		1,216,600	(62,100)	
(3) Agricultural Societies					
— Grants/Transfer Payments	481,100		499,400	(18,300)	
— Other	42,900		31,800	11,100	
Total Other Expenditures	524,000		531,200	(7,200)	
(4) Commercial Beekeepers					
— Grants Transfer Payments	0		0	0	
TOTAL 4(e)	3,592,400	55.22	3,708,800	(116,400)	

Marketing Branch

The Marketing Branch's objective is to develop new markets and strengthen existing markets for provincially grown and processed food products.

The Branch advises and consults with marketing boards, producer groups and industry. Staff provide specialized information on marketing opportunities, as well as on export/import regulations and requirements. Moreover, the Branch provides limited financial assistance to help Manitoba businesses distribute samples to prospective customers and participate in trade shows and missions.

The Branch coordinates the promotion of Manitoba food products both at home and abroad. Marketing staff play a leading support role in outgoing and incoming trade missions, and respond to inquiries from off-shore firms interested in sourcing Manitoba agricultural commodities. Each year the Branch publishes the Manitoba Food Products Directory and Manitoba Agricultural Export Directory for worldwide distribution, as well as a wide variety of booklets and pamphlets highlighting Manitoba food products.

To encourage new food product development, staff worked with the Canadian Food Products Development Centre, and the University of Manitoba's Food Science and Food and Nutrition departments. In all Branch activities, staff maintained close links with other federal and provincial departments involved in marketing.

In 1990-91, the Branch coordinated and participated in 29 incoming trade missions. The countries represented included the target markets of Japan, Mexico, Malaysia and the United States, as well as the Philippines, Brazil, Iran, Soviet Union and Great Britain. Mission members were interested in swine and dairy breeding stock, beef cattle, pork and turkey meats, canola, flaxseed and buckwheat.

The Branch participated in Foodex '91, a major international food show in Tokyo. This year's entry was the largest entered to date and included primary and processed food items. Staff were involved in a federal/provincial trade mission to Mexico aimed at exploring swine and cattle export opportunities.

The Branch is an active member of the Canada Beef Export Federation and participated in a seminar sponsored by the Federation in Japan in the fall of 1990. With changing Japanese quotas for beef and expanding sales opportunities, staff established contact with prospective Japanese clients. In response to changing Japanese beef tariffs a beef video was produced in both English and Japanese. The video highlights Manitoba's beef industry and demonstrates import opportunities to prospective off-shore clients.

An investigative study was funded by the Branch in cooperation with the Canola Council of Canada to determine marketing opportunities for canola meal in Western Canada and the United States. In addition, preliminary work was initiated on accessing export marketing opportunities for forages.

Manitoba and Japan continued to maintain a strong trade relationship. Staff worked with local business and a Japanese firm to increase sales opportunities for beef, pork, turkey and processed meat products. In support of trade with Japan, the Branch again coordinated a visit to Manitoba by Japanese students, sponsored by the York-Benimaru Co. Ltd.

Financial assistance was provided to Manitoba firms on a select number of first-time shipments of food samples to prospective off-shore customers. Staff responded to several inquiries from off-shore firms and helped local businesses obtain information on regulations for export to off-shore markets.

Branch staff participated in the Canadian Produce Marketing Association's annual trade show in Calgary, The Solo Food Show in Minneapolis and Agribition in Regina, Saskatchewan, as well as in six food shows at local malls.

4(f) Marketing Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	273,100	7.00	295,700	(22,600)	
(2) Other Expenditures	282,700		298,600	(15,900)	
TOTAL 4(f)	555,800	7.00	594,300	(38,500)	

Regional Agricultural Services Division

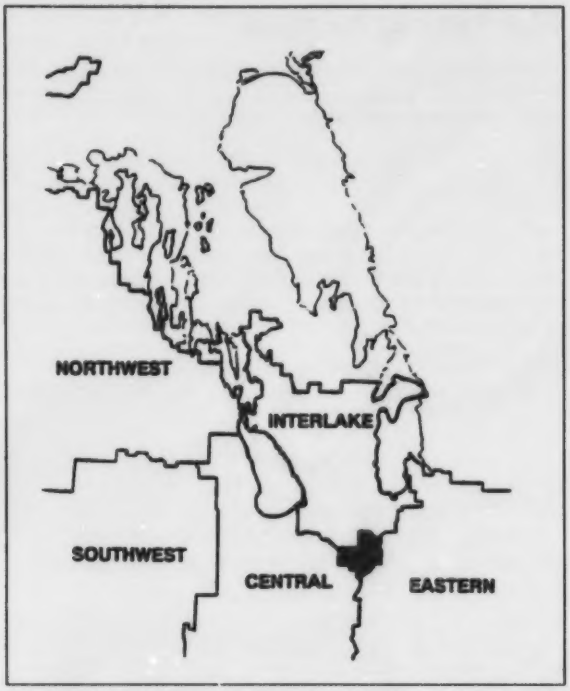
The Regional Agricultural Services Division provides the front-line delivery of Manitoba Agriculture programs aimed at enhancing the viability of family farms and improving the standard of living in rural communities. The division also administers agricultural Crown lands.

The regional offices and 40 district offices are served by a staff of agricultural representatives, home economists, production specialists, engineers and farm management advisers. Regional and district office staff provide services aimed at helping farm families to increase their incomes (primarily through enhanced farm management skills and production practices).

The regions assist in the development of rural leadership by providing support to local 4-H and Youth programs. Regional and district staff help ensure the success of 4-H by organizing workshops for club officers, public speaking training, competitions, rallies, member exchange programs and livestock shows. In addition, staff work with community improvement and economic development groups to build a more promising future for rural youth.

The well-being of the farm family is another concern of the regions. Staff work to promote a better understanding of nutrition, food safety and sound family financial management.

The regions are involved in extension education, and participate in the planning and delivery of agricultural training through Assiniboine Community College. Staff also make extensive use of producer newsletters, local news columns and local broadcast media to reach farm families. Demonstrations, producer clubs, individual counselling and production planning services are also used to promote better farming practices and management. All of these activities are carried out in accordance with specific department strategies for beef, hogs, crops, forage, farm management, soil and water conservation, home economics, human resources and 4-H.



Considerable Regional staff time was dedicated to introducing the Gross Revenue Insurance Program (GRIP) to farmers. Staff were involved in numerous information meetings with producers to explain this program. In addition, through in-depth consultations on GRIP the Regions responded to the individual information needs of farmers.

Northwest Region

Farm Management: Regional staff made 2,382 general contacts and 1,196 intensive contacts on farm management subjects during the year. Intensive contacts involved financial counselling with 83 farm families, expansion planning with 72 families and farm business arrangements with 16 families. Through one-day seminars, staff presented 126 farm management topics such as partial budgeting, enterprise budgeting, and farm business planning and taxation.

Staff made greater use of commodity clubs and marketing groups in facilitating technology transfer. In 1990-91 the region had two crops clubs, one beef club, one swine club, and five grain marketing clubs. In cooperation with community college programs staff provided 965 days of specialized agricultural training.

Crop Production Enhancement: Crop production assistance was provided through 3,450 general and 354 intensive producer contacts and through 3,218 group activity contacts. Crop technology information was communicated through such measures as producer field days and tours, farm family seminars, as well as crops and crop marketing clubs. Forage interest continued to increase as more crop land was converted into hay and pasture.

Livestock Production Enhancement: Livestock technology was communicated to farmers through 3,583 general and 596 intensive contacts as well as through 1,931 group contacts. Regional staff worked with several organizations, such as swine and beef clubs, the Northwest Swine Breeders Association, the Northwest Bull Test Station, the Manitoba Milk Recording Corporation and local veterinary boards.

4-H and Youth: The region provided support to 43 4-H clubs and 868 members. The region also sponsored 50 members who participated in the Camp Wannakumbac summer program. Staff also supported 4-H and youth through conferences and workshops. In total 73 events were attended by 2,213 4-H members. Staff were involved with an additional 1,474 contacts within the 4-H and youth program area.

Soil and Water Conservation: Under the Farming For Tomorrow program, five local organizations participated and a sixth organization was established at year end. Within this program area staff were involved in 2,099 general and 388 intensive producer contacts as well as in 551 group activity contacts.

Home Economics and Human Resource Management: Regional Home Economists made presentations and conducted group sessions on financial management and estate planning, family living, and family resource management with 5,865 people. Staff made 906 intensive contacts and 3,706 general contacts concerning home economics and human resource development. A Farm Family Expenditure Survey commenced with 45 participating families. Farmers' Markets were introduced in Swan River and Russell earning more than $46,500 for vendor-participants in these areas.

GRIP: A substantial portion of staff time was involved in introducing the Gross Revenue Insurance Plan to regional producers. As of March 31, 1991 the region responded to 902 general inquiries and arranged 2,424 appointments relating to GRIP. In addition, 22 informational meetings on this subject were held throughout the region with 2,305 people in attendance.

5(a) Northwest Region

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,382,900	34.26	1,385,100	(2,200)	
(2) Other Expenditures	365,000		364,300	700	
TOTAL 5(a)	1,747,900	34.26	1,749,400	(1,500)	

Southwest Region

Farm Management: Individual counselling concentrated on farm financial problems, farm record keeping, computer software, farm estate planning, farm business agreements, land transfer, as well as crop and livestock budgets.

Major emphasis in the area of marketing was reflected in the activities of six marketing clubs. In the Farm Management area there were 77 extension meetings, 3,744 general contacts and 1,516 in-depth consultations. Group education included work with 19 organized groups. As well, 57 courses were delivered through the Manitoba Agriculture Training Project.

Crop Production Enhancement: Extension in this area focused on disease and pest control, weed control, fertility, variety recommendations, seed quality and seeding depth. Forage extension emphasized rotational grazing systems utilizing high-tensile electric fencing, variety demonstrations and fertility demonstrations. In addition to working with 42 organized groups, staff made 13,185 general contacts and 4,231 in-depth consultations. As well, 156 meetings, tours and field days were conducted.

Livestock Production Enhancement: Emphasis in beef production included nutrition, genetic evaluation, feedlot management and livestock handling facilities. Cow condition workshops, beef production clubs, the Erickson Feedlot Project, and the various bull test stations were major areas of concentration. Swine Reproductive Seminars, Swine Artificial Insemination (A.I.), Performance Testing of boars and gilts, and individual counselling in nutrition, breeding and facilities were highlighted in the swine area.

The Keystone Holstein Club and the Miniota Dairy Club were the main vehicles for dairy extension. Barn Meetings with dairy producers emphasized nutrition and feeding management.

Staff made 7,161 general contacts and 1,064 in-depth contacts to provide technical consultation. As well, staff worked with 23 organized groups and held 35 extension meetings, tours or field days.

4-H and Youth: Southwest staff supported a large 4-H related program which included 87 clubs and 1,600 members. Beef, horse, clothing and food clubs accounted for the highest enrollment in this program area.

Highlights of the year included the Senior Conference – (79 members), the Junior Conference (80 members), the Camp Program, district and regional communication events and many achievements and rallies.

Soil and Water Conservation: The Southwest Region placed a major emphasis on soil and water conservation through the Farming for Tomorrow Program which involved 16 local organizations. Five hundred and twenty-two Farm Plans were completed. In addition to 14,722 acres under conservation tillage, 38.33 miles of shelterbelts were established and 40.0 miles maintained. Moreover, 13,719 acres of forage were established on erodible land as well as 680 acres in green manure crops. Within this program area staff made 7,270 general contacts and 922 in-depth consultations.

Home Economics and Human Resource Management: Farm financial management was emphasized with 89 families participating in the FAMEX Project. As well, the topic of family living costs were dealt with at 14 Royal Bank Seminars throughout the region.

The Computer Conference, Budgeting Workshops, the Estate Planning Seminar, the Prairie Lifestyle Weekly Television Program, and the Southwest Farm Women's Conference were some of the various approaches utilized in promoting financial management. Other major areas of focus included nutrition, family resource management, as well as the 4-H Program.

In the overall Human Resources area, staff made 2,025 general contacts and 899 in-depth consultations. As well, they made 258 presentations to 6,879 people.

GRIP: Regional staff participated in activities relating to the GRIP program. For example, staff were involved in 58 rural informational meetings on GRIP; and participated in 5,517 individual consultations to provide informational assistance on this program.

5(b) Southwest Region

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,801,900	44.43	1,777,400	24,500	
(2) Other Expenditures	334,200		352,000	(17,800)	
TOTAL 5(b)	2,136,100	44.43	2,129,400	6,700	

Central Region

Farm Management: Regional staff continued to provide intensive counselling to over 450 farm families in the areas of financial distress, marketing, production economics and farm transfers — including 10 general farm meetings on these topics. There were 12 marketing clubs active within the region. Staff supported the delivery of 41 courses under the Agriculture Training Project with 496 farmers participating.

Crop Production Enhancement: Three Intensive Crop Management (ICM) sites were established in 1990. Staff conducted several crop demonstrations and field days in cooperation with crop clubs, producer associations and agri-business. Topics included variety selections, herbicides and insect and disease control. The region received over 6,200 enquiries related to weed control. The R.M. of Dufferin was added to the number of Weed Control Districts in the region for a total of 10 districts.

Pasture & Forages: Forage management was promoted through regional demonstrations, two Agri-Food and 16 soil conservation projects in the region. The Forage Analysis (Agri-Food) project assessed the major and micro-nutrient status of 344 pasture forage samples from 150 cooperating farmers. Over 600 farmers attended demonstrations on fertilization, ammoniation, bale handling, salinity, fencing, dugout management and rotational grazing. Sod seeding, bale-wrap and hard/soft core round bale evaluation projects were conducted cooperatively with the Prairie Agricultural Machinery Institute (PAMI). Forage marketing continued to be promoted with ongoing negotiations to construct a forage processing plant in the region.

Livestock Production Enhancement: Regional staff were involved in contacts with 5,600 clients on subjects related to beef management, and provided support to beef producer groups in five districts. Beef extension priorities were planned and delivered in all Ag. Rep. districts with regional emphasis placed on feed testing, a nutrition workshop, bull evaluation, (four) AI training

courses, ROP recruitment and record analysis, with new emphasis on breed sales promotion.

Dairy extension contacts (1,077) with producers focused on the feeding and management of the milking herd, calf and heifer management, milk quality and udder health, production monitoring and records analysis, quota management, and forage production and utilization. The Central Region Dairy Improvement Agri-Food Project continued to assist 50 young dairy clients until its conclusion on December 31, 1990. Staff provided assistance and information to producers through seminars, barn clinics, workshops, a dairy tour, newsletters and other activities. The Dairy Seminar Series was attended by 175 producers.

Staff provided assistance and information relating to swine involving: over 2,000 individual consultations; a series of three reproductive seminars; participation in organizing Hog and Poultry Days '90; organizing the fifth Annual Swine Seminar Series in Winnipeg; as well as compiling and distributing two regional swine newsletters to 650 producers. A Swine Nutrition Workshop was conducted for swine producers and agri-business people.

Engineering: Staff assisted producers with the design of livestock buildings and handling facilities. There was a high demand for this particular engineering service in the region. There was also a demand for engineering advice relating to grain handling facilities.

Soil and Water Conservation: Staff provided technical and administrative assistance to 16 soil and water management groups within the region. Approximately 1,000 farm plans were developed in conjunction with staff and local organizations. There were 450 miles of field shelterbelts established in the spring of 1990. Over 8,000 acres of residue management projects were conducted as well as 13,000 acres of forages established under the Farming For Tomorrow Program. Staff assessed 49 erosion control structures and 74 gully stabilization projects along the escarpment and the Pembina Valley. As well, staff participated in department efforts to reduce stubble burning around Winnipeg.

4-H & Youth: Staff provided support for 68 4-H clubs, with 1,325 members and 450 volunteer leaders. For the first time in several years, two one-week summer camps were held at Camp Jubilee for 98 members. Staff were involved in other activities including six rallies, a Communications festival for Public Speaking, a food mania seminar, leadership training events, and highway clean-up campaigns.

Home Economics and Human Resource Management: Staff recruited and oriented 71 farm families into the FAMEX '91 family expenditure survey. Staff supported GRIP by working at individual farmer consultation meetings. Financial Management and Human Resource Development topics were included in 96 seminars, workshops, presentations, throughout the region. Intensive financial counselling was provided to 44 farm families.

GRIP: In cooperation with the Manitoba Crop Insurance Corporation (MCIC), Central Region staff assisted in explaining and enrolling over 4,600 farmers into the GRIP Program over a three month period. In addition, there were 20 district meetings held with over 3,200 farmers attending and 5,000 individual contacts made.

5(c) Central Region

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,889,700	46.41	1,850,700	39,000	
(2) Other Expenditures	363,000		357,300	5,700	
TOTAL 5(c)	2,252,700	46.41	2,208,000	44,700	

Eastern Region

Farm Management: Staff conducted 303 in-depth consultations related to farm finances and management. The use of computers in farm management continued to receive attention, with training courses, extension meetings and a computer fair being organized. Other extension meetings dealt with farm safety, accounting and younger generation involvement in farming.

Crop Production Enhancement: Crop production information was provided through 40 meetings, tours attended by 500 producers, 100 news articles and 5,000 individual contacts. The final year of an Agri-Food Discer/Fertilizer project supported changes to fertilizer recommendations.

A hay marketing study conducted in cooperation with the University of Manitoba (Transport Institute) identified potential markets in the southeastern USA. In cooperation with a local hay marketer, 144 tons of hay were compacted and shipped to Connecticut and Vancouver Island, aimed primarily at the horse market.

Pasture projects on Class IV land at the Seven Sisters site demonstrated a net return to labour and management of $108 per acre. Individual projects involved beef and dairy replacement heifers, fly control, forage species and variety evaluations, and a comparison of round bale silage to dry hay. Round bale silage was also demonstrated on-farm as a means of preserving forage under wet weather conditions. Other forage demonstrations covered seed production, fertility trials, establishment methods, pasture fencing and solar pumping.

Livestock Production Enhancement: District and regional swine activities included 10 meetings and tours attended by 251 producers. Through a close working relationship with industry, producers received production, marketing and financial information aimed at enhancing the industry's competitive market position.

Beef extension needs were addressed through nine meetings and tours, covering herd health, marketing and grading standards. Demonstrations dealt with pelvic measurement, fly control on pasture and management of replacement heifers. Thirty-seven herds were maintained on Record of Performance (ROP) and a purebred breeders directory was developed.

Dairy extension staff were involved in 38 meetings which focused on breeding, nutrition, heifer management and herd health, and two major tours, one local and one to Wisconsin. The regional engineer helped 117 producers with designs for new or renovated livestock facilities.

4-H and Youth: Staff provided support to 36 4-H clubs with 591 members and 181 adult leaders. Activities included an exchange trip, two rallies, competitions, junior and senior conferences, workshops for leaders and members, and horse and beef shows. The region also operated a 4-H camp at Star Lake for 50 members.

Soil and Water Conservation: Four local organizations initiated projects under the Farming For Tomorrow program. One hundred and nineteen farmers participated in on-farm projects. Project statistics indicated 365 acres of crop residue management, 250 acres protected by annual barriers, 320 acres of cover crop, 1,646 acres of forage management, 27.5 miles of shelterbelts established, 24 miles of shelterbelt maintenance and 400 traps placed for pocket gopher control in alfalfa grown on sandy soils.

The region also reviewed 221 subdivision applications and assisted rural municipalities to prepare development plans aimed at enhancing the protection of the agricultural industry.

Home Economics and Human Resource Management: To provide information on farm and family issues and resource management, regional staff organized 14 seminars and delivered presentations at 103 meetings. Eastern Region Home Economists made 1,661 individual contacts with clients during the year.

FAMEX was organized by staff with 33 farm families to document farm family living expenses, and two Job Re-Entry courses were organized in cooperation with a private training firm. In cooperation with Assiniboine Community College, the Manitoba Agricultural Training Project and Employment and Immigration Canada, staff conducted 16 training courses on topics ranging from computer training to crop and livestock production.

GRIP: Considerable staff time was expended on activities relating to the Gross Revenue Insurance Plan during February and March. Clients were provided with program information through 721 in-depth consultations, 552 general contacts and 48 meetings with 2,150 participants.

5(d) Eastern Region

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,107,500	29.26	1,213,700	(106,200)	
(2) Other Expenditures	226,100		260,100	(34,000)	
TOTAL 5(d)	1,333,600	29.26	1,473,800	(140,200)	

Interlake Region

Farm Management: Staff were involved with 1,374 general contacts in farm management and 280 in-depth counselling sessions with 135 farm families. Presentations relating to farm management were made at 26 meetings throughout the region. Topics discussed included marketing, production economics, credit and finance, estate planning and whole farm planning. Staff also assisted with the implementation of 12 Assiniboine Community College courses in the region.

Crop Production Enhancement: Staff were involved in 5,123 general contacts with producers and handled 306 individual in-depth problem cases and field calls. Two district meetings were held on various crop production issues. Four tours were arranged that demonstrated improved production technology to producers. These tours covered many aspects of crop production from a Forage Seed Tour to smaller district events. Both were well attended. Staff played a key role in the completion of the Manitoba Forage Seed Project and the publication of a valuable Forage Seed Production Manual. This comprehensive manual is now available covering production of forage seed crops such as alfalfa seed, birdsfoot trefoil and timothy seed.

Field demonstrations in the areas of fertility, crop varieties and herbicides were conducted by staff in cooperation with the University of Manitoba, Agriculture Canada and agri-business. Results from trials on forage production and forage fertility levels from previous years' trials were summarized and made available to staff and producers to aid in improved forage production. In addition, a major marketing study on processed forage products was initiated in cooperation with regional development corporations and the Western Economic Diversification Office.

Livestock Production Enhancement: Regional seminars were attended by more than 250 beef producers, 225 dairy producers and 35 sheep producers. Regional livestock technicians were involved in activities relating to ultrasound in hogs, the bull test station, weighing for R.O.P. and assisting in the development of seven beef clubs.

The Region managed the Narcisse Forage Project, the oldest forage trial in the Province. A significant amount of information was provided through this project on the longevity of forage species under controlled grazing management. The Gunton Bull Test Station continued to facilitate significant improvement in the Interlake beef herd through improved genetics – 75% of the bulls were purchased by Interlake beef producers and 15% by Eastern Region producers. The Genetic Improvement Program at the Gunton Bull Test Station was complemented by the Agri-Food Project on Cow-Calf and Fall Calving.

4-H and Youth: While the number of 4-H clubs remained constant at 42, the number of members and leaders continued to decline by five per cent to 669 and 292 respectively. However, the quality of projects continued to improve with excellent participation in district, regional and provincial activities — such as weekend conferences, seminars, workshops and travel opportunities. Increased interest in demonstrations, and participation in public speaking competitions was reflected in the awards of regional members at the provincial competition level. A special program for new leaders was launched with a high degree of success.

Soil and Water Conservation: Soil conservation projects under the Agri-Food program were completed and the Farming For Tomorrow initiative was implemented in the region. Two major soil groups S.I.L.M.A. and N.I.C.E. were assisted by staff in developing 125 on-farm plans and in implementing 70 on-farm conservation projects. Two tillage demonstration days were held with over 300 producers in attendance and 25 dealers displayed over six million dollars worth of equipment. The Interlake Soil Conservation Newsletter was distributed to over 5,000 producers and students. The National Film Board of Canada highlighted the Interlake's remote sensing project in a video for use in school education programs on the environment in Canada.

Staff were involved with over 200 subdivision requests. Several consultations were held with farmer groups and municipalities on livestock waste management, zoning issues and land use. Moreover, staff assisted three planning districts in reviewing their development plans.

Home Economics and Human Resource Management: Regional Home Economists conducted 664 in-depth consultations and made 5,888 general contacts. Extension efforts focused on farmers markets, small business development, job re-entry programs, skill-upgrading (i.e., bookkeeping), financial counselling, FAMEX '91, community leadership and consumer issues. News columns and the regional Home Economics quarterly were used to communicate consumer and financial information to Interlake families. Numerous workshops on financial management, community development and family living were delivered.

GRIP: Regional staff were involved in introducing the Gross Revenue Insurance Plan (GRIP) in the region and in coordinating information sessions. In addition, staff assisted producers in enrolling within this plan.

5(e) Interlake Region

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,326,400	35.03	1,378,700	(52,300)	
(2) Other Expenditures	294,100		311,300	(17,200)	
TOTAL 5(e)	1,620,500	35.03	1,690,000	(69,500)	

Agricultural Crown Lands Branch

The primary objective of the Agricultural Crown Lands Branch is to effectively administer the allocation and use of provincial Crown lands designated for agricultural use. A secondary objective is to encourage lessees to use improved management practices which will increase productivity.

A major activity of the branch is the administration of long-term forage and cropping leases of agricultural Crown land. Lands available for long-term lease are publicly advertised for rent, and are allocated on a points system based on need. The branch represents the agricultural viewpoint in the assessment of Crown land for multi-resource use, and participates actively on the Crown Land Classification Committee. Community pastures are administered through the joint efforts of the branch and the Prairie Farm Rehabilitation Administration. The branch also administers a Rangeland Management Program to help lessees improve the productivity of suitable Crown land.

In 1990-91, the branch administered 2,836 long-term forage leases totalling 1.6 million acres (647,700 hectares) and 200 cash rental cropping leases totalling 41,600 acres (17,000 hectares). In addition, 1,302 short-term (annual) permits were issued, allowing haying or grazing on a further 60,000 acres (24,000 hectares). During the year, 374 parcels of land were advertised for long-term lease and 88 percent were allocated.

Field service staff made 2,877 field contacts and received 4,880 client office visits related to lease administration and management. The branch participated fully in the activities of the Crown Land Classification Committee and helped develop about 20 land use plans in cooperation with local municipalities and/or planning districts.

Through the community pastures program, 950 people pastured 31,600 cattle and 2,800 horses on 24 pastures in Manitoba. A Rangeland Management Program continued to assist lessees adopt rangeland management practices to enhance forage lease productivity on a sustainable basis (119 clients were enrolled as of March 31st, 1991). The main component of the program is the development of a farm specific production plan, supported by financial incentives, to encourage the adoption of new management practices.

5(f) Agricultural Crown Lands Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	1,385,500	41.36	1,380,700	4,800	
(2) Other Expenditures	576,000		678,100	(102,100)	1
TOTAL 5(f)	1,961,500	41.36	2,058,800	(97,300)	

Explanation Number:

1. *Actual expenditures were lower than estimated due to lower than anticipated claims in the Crown Land Improvement Program.*

Policy and Economics Division

The Policy and Economics Division conducts research and analysis and advises on departmental policy and program development for Manitoba's agriculture industry. The division also provides funding for University of Manitoba research projects and administrative support to boards and commissions.

Administration

Administrative staff manage the division's financial and human resources and provide leadership to ensure effective implementation of programs and activities.

6(a) Policy and Economics-Administration

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	99,300	2.00	98,600	700	
(2) Other Expenditures	19,500		15,900	3,600	
TOTAL 6(a)	118,800	2.00	114,500	4,300	

Economics Branch

The objectives of the Economics Branch are: to provide agricultural statistical, marketing and production information to the public and staff; and to coordinate the department's long-term policy and program development. The branch provides professional and technical support for economic analysis, advises on federal and provincial policies and programs, and disseminates agricultural statistics. Economics staff also analyze domestic and international commodity markets and distribute this information to staff, the agricultural industry and producers.

During 1990-91, the branch provided the department with background support data regarding the national tripartite stabilization plans for hogs, cow-calf, slaughter cattle, lambs, sugar beets, honey, onions and dry edible beans. Staff represented the Manitoba Government at meetings of the various national tripartite management committees.

The branch participated extensively within a federal agricultural policy review process, representing the Manitoba Government on several provincial committees and subcommittees. Areas of particular emphasis within this review process involved such subjects as safety nets and transportation. A staff member provided technical support and acted as secretary to the Manitoba Agri-Food Advisory Council, helping to organize meetings, taking minutes and other work associated with Council activities.

The branch published the annual Manitoba Agricultural Review and prepared the database for the annual Manitoba Agriculture Yearbook. From May to September, staff prepared weekly crop reports and monthly agricultural condition reports. More than 100 statistical releases were prepared on items such as farm net income, farm capital, debt and bankruptcy, price and production indices, land values, crop production estimates, livestock numbers, herbicide usage and special crops surveys. Other publications prepared by the branch included "A Look at Manitoba Agriculture" and the "Manitoba Statistical Fact Sheet." Staff also compiled data for discussion with Statistics Canada.

6(b) Economics Branch

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	574,600	16.00	638,700	(64,100)	
(2) Other Expenditures	102,300		122,900	(20,600)	1
TOTAL 6(b)	676,900	16.00	761,600	(84,700)	

Explanation Number:

1. *Other expenditures were less due to staff vacancies and budget restraint. The purchase of a new computer and associated furniture were also deferred resulting in a saving of about $8,000.*

Manitoba Natural Products Marketing Council

The objective of the Manitoba Natural Products Marketing Council is to provide effective administration of the Manitoba Natural Products Marketing Act. The Council serves as an appeal body for individuals affected by the decisions of marketing boards and commissions, and supervises producer marketing plans.

Staff support the work of the Council by providing appropriate documents for regular meetings and appeals; analyzing proposed regulations, quota orders and national marketing issues; advising departmental executive on marketing policy issues; and responding to public and producer inquiries. Staff also maintain contact with management staff of producer boards and commissions, other provincial supervisory councils and the National Farm Products Marketing Council.

In 1990-91, the Council supervised the following marketing boards and commissions:

- The Manitoba Beef Commission
- The Manitoba Broiler Hatching Egg Commission
- The Manitoba Chicken Broiler Producers' Marketing Board
- The Manitoba Egg Producers' Marketing Board
- The Manitoba Hog Producers' Marketing Board
- The Manitoba Honey Marketing Board
- The Manitoba Milk Producers' Marketing Board
- The Manitoba Turkey Producers' Marketing Board
- The Manitoba Vegetable Producers' Marketing Board

The Council convened 12 meetings during the year, hearing 10 appeals, of which eight were against the Manitoba Beef Commission, and two against the Manitoba Milk Producers' Marketing Board. In addition, Council members and staff met the Minister eight times to discuss a variety of marketing issues, and received 13 delegations at Council meetings.

Council undertook reviews of industry concerns relating to broiler hatching eggs and provided recommendations on how disagreements of hatch results might be addressed between the producer and the hatchery. Upon completion of industry consultations, the Council was able to resolve the prior-to-plant contract settlement procedures in the potato processing industry, without the need to implement a marketing plan. Council also completed its review of the Manitoba broiler processors' policies with respect to the placement of broiler chicks.

Council continued to provide assistance to the processors and the Manitoba Hog Producers' Marketing Board in their discussions relating to the Dutch Clock Auction System, availability of hogs, and alternative selling procedures.

The introduction of quota exchanges for cream, laying hens, and pullets was approved by Council. Also approved were a number of quota order amendments which refined quota transfer policies, and levy regulation amendments. These revisions reflected changes in the boards' financial requirements. In addition, Council gave approval in principle to the Manitoba Broiler Hatching Egg Commission, and the Manitoba Chicken Broiler Producers' Marketing Board to begin developing quota exchanges.

6(c) Manitoba Natural Products Marketing Council

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	142,900	4.00	164,000	(21,100)	
(2) Other Expenditures	31,100		40,200	(9,100)	1
TOTAL 6(c)	174,000	4.00	204,200	(30,200)	

Explanation Number:

1. *The reduction in other expenditures was due to less expenditure on out-of-province National meetings, less requests for inspections and fewer Council meetings.*

Milk Prices Review Commission

As the administrative authority for the Milk Prices Review Act, the Milk Prices Review Commission establishes the price paid producers for fluid milk using a cost of production formula. Also, the Commission monitors fluid milk prices at the wholesale and retail levels and, if necessary, establishes and enforces price controls at both levels. A cost of processing/retailing model is used in this activity.

In 1990-91, the Commission increased the price paid to producers for fluid milk to $58.82/Hl and continued to set maximum wholesale and retail fluid milk prices which were correspondingly adjusted.

Complete details on the Commission's activities can be found in the Commission's Annual Report, published under a separate cover.

6(d) Milk Prices Review Commission

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	29,100		29,900	(800)	
TOTAL 6(d)	29,100		29,900	(800)	

Manitoba Farm Lands Ownership Board

The objective of the Farm Lands Ownership Board is to ensure that the transfer of land considered capable for farming complies with provisions under The Farm Lands Ownership Act. The Act permits unrestricted ownership of farm land to a Manitoba resident, a family farm corporation, a municipality, a local government district, or an agency of the government. Individuals or corporations not qualifying for unrestricted ownership are limited to owning 10 acres of farm land. Under Section 3(3) of the Act, the Board may exempt individuals, or corporations from any provision of the Act. The Board established by regulation specific guidelines for considering exemptions to the 10 acre ownership restriction.

During 1990-91, the Board received and reviewed 6,535 statutory declarations covering the transfer of farm lands. The Board met seven times and considered 275 applications for exemption, as compared to 199 applications the previous year. During 1990-91 the Board denied one application for exemption.

6(e) Manitoba Farm Lands Ownership Board

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	116,100	3.00	104,100	12,000	
(2) Other Expenditures	53,300		33,700	19,600	1
TOTAL 6(e)	169,400	3.00	137,800	31,600	

Explanation Number:

1. *The major contributor to the over expenditure was higher than expected legal costs resolving a civil suit against the Board. Other contributors were increased inspection expenses, computer input costs, and Board Members' expenses relating to increases in applications for exemptions.*

University of Manitoba — Grant

The objective of the University of Manitoba grant is to provide financial support to the Faculty of Agriculture for conducting research projects. These projects primarily are aimed at enhancing the productivity and growth of Manitoba's agricultural sector. Manitoba Agriculture, through a general agreement with the university, financially assists the Glenlea Research Station and research projects conducted by the Faculty.

Manitoba Agriculture funding represents a significant proportion of total government and corporate contributions for research activities of the Faculty of Agriculture. Various departments within the Faculty of Agriculture received Manitoba Agriculture grant monies to assist in their research activities. The Faculty reported that the department grant was critical in supporting its research aimed at diversifying and sustaining the agri-food industry.

The department grant is a valuable resource to the Faculty of Agriculture assisting that institution in attracting additional outside funding for agricultural research. For example, the Faculty reported that it succeeded in attracting $2.29 million (from other outside funding sources) in support of projects identified as a high priority by Manitoba Agriculture. In this regard, the Faculty reported that the department grant accounted for a leverage factor of 2.6:1 in attracting other external resource commitments.

6(f) Agricultural Research

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	875,500		875,500	0	
TOTAL 6(f)	875,500		875,500	0	

Manitoba Farm Mediation Board/Family Farm Protection Act

The objective of the Manitoba Farm Mediation Board, through the administration of the Family Farm Protection Act, is to aid farmers in protecting and sustaining their agricultural operations through difficult economic times. In 1990-91, the Board received 219 applications from both lenders and farmers for assistance in reducing farmers' financial difficulties. An additional 176 applications involved mediation in progress from the previous year, bringing the total number of applications for mediation in 1990-91 to 395. During the year, 268 of these were completed.

The Special Farm Assistance Fund was jointly administered by the Manitoba Farm Mediation Board and the Manitoba Agricultural Credit Corporation. This fund was established to assist producers with a debt burden who agreed on a viable farm plan with their lending institutions. In 1990-91, the Manitoba Farm Mediation Board approved guarantees for 57 new farmer clients for a total sum of $2,024,005 over a five-year period.

6(g) Manitoba Farm Mediation Board

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
(1) Total Salaries	252,100	6.00	249,700	2,400	
(2) Other Expenditures	432,400		500,900	(68,500)	1
TOTAL 6(g)	684,500	6.00	750,600	(66,100)	

Explanation Number:

1. *The surplus is mainly the result of:*
   a) *Estimated to complete 300 cases but actually completed 268.*
   b) *Board continued cost savings through its joint arrangement with the Federal Debt Review Board.*
   c) *Board continued streamlining activities as its panels and head office staff (Mediation Analysts) continued to conduct annual reviews of cases where there were Government guarantees rather than contracting out.*

Agricultural Producers' Organization Certification Agency

The Agricultural Producers' Organization Certification Agency administers the Agricultural Producers' Organization Funding Act. The Agency certifies one general farm policy organization and designates commodity organizations, subject to producer referendums. All of these organizations are authorized to deduct membership fees from producer marketings of agricultural products.

Administrative support is provided by staff from the Manitoba Natural Products Marketing Council. Staff review petitions for Agency meetings, and conduct referendums among producers to determine whether commodity organizations should be designated under the Act. Staff also help draft regulations and respond to inquiries from producer groups interested in being designated.

In 1990-91, the Agency convened a meeting to consider the Manitoba Canola Growers Association's request for designation. The Agency accepted the Association's petition and commenced arrangements to proceed with a referendum among canola producers. However, the Association later requested that the referendum be delayed. Also during the year, The Manitoba Forage Seed Producers' Association, the Manitoba Alfalfa Seed Producers' Association and the Manitoba Sheep Association made preliminary inquiries on the procedure for obtaining designation.

The Agency, having received only one application for certification from a qualified organization, automatically certified Keystone Agricultural Producers for a subsequent consecutive two year term.

6(h) Certification Agency

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
Other Expenditures	500		15,000	(14,500)	1
TOTAL 6(h)	500		15,000	(14,500)	

Explanation Number:

1. There were no referendums held in 1990-91 and there were fewer agency meetings.

Federal-Provincial Agreements

Agri-Food Agreement

The Agri-Food Agreement is administered through the Agreement Management Committee in conjunction with the department's federal-provincial coordinator and other Manitoba Agriculture staff.

The role of staff is to coordinate Agri-Food projects and assist in their development and approval. Staff provide summary descriptions of projects as well as financial control, contract coordination, monitoring and evaluation. They also coordinate communications efforts related to the agreement.

In 1990-91, projects were conducted to aid:

- crop production technology transfer
- crops adaptation and evaluation
- livestock and forage production technology transfer
- new product development and market infrastructure
- soil management research
- farm management extension education and farm decision-making aids.

7(a) Agri-Food Agreement

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
Other Expenditures	999,800		1,000,000	(200)	
TOTAL 7(a)	999,800		1,000,000	(200)	

Soil Conservation Agreement

The Soil Conservation Agreement provides for assistance to promote soil conservation practices on farms. To receive assistance farmers must develop technically sound on-farm plans — plans approved by local organizations under agreements with the federal and provincial governments. Also within this program area departmental staff provide advice and technical support to participating producers and organizations.

There were 1,706 farm plans initiated with producers across Manitoba. All of Agri-Manitoba was represented within 44 local organizations that conducted conservation activities within seven major categories. Most of these conservation groups had a full or part-time technician to assist them in program awareness and delivery. Within this program area forage crops were established on highly erodible soil with 39,344 acres being seeded in the 1990 crop year. Annually cropped land was seeded with no-till or minimum till seed drills (22,531 acres) and 562 miles of field shelterbelts were planted. As well, other conservation measures involving gully stabilization, small dam construction, strip cropping and cover crops were initiated.

7(b) Soil Conservation Agreement

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
Other Expenditures	864,600		1,160,000	(295,400)	1
TOTAL 7(b)	864,600		1,160,000	(295,400)	

Explanation Number:

1. *The surplus is the result of a slower implementation of the program than planned. With a late signing of the agreement in 1989-90, the administration and marketing of the program was delayed. As a result, local organizations were not able to sign up as many farmers as planned. With less sign up, fewer activities occurred than were originally expected.*

Environmental Innovations Recovery

Funding through a grant was provided to the University of Manitoba to support a study on sustainable development within the agriculture and food sector. The study will culminate in the preparation of a report planned for completion during the next (1991–92) fiscal year.

7(c) Environmental Innovations Recovery

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
Recovery	(10,000)		0	(10,000)	1
TOTAL 7(c)	(10,000)		0	(10,000)	

Explanation Number:

1. *An allocation of $25.0 from the Environmental Innovations Fund was approved to provide a grant to the University of Manitoba to support a study on sustainable agriculture under Soil Conservation. Part of this grant ($10.0) was made in 1990-91 with the balance to be paid in 1991-92.*

Income Insurance Fund

Manitoba Agriculture's Income Insurance Fund provides funding for several plans aimed at providing income insurance for participating producers.

Administration

Administrative costs for the tripartite plans were paid by the provincial and federal governments in addition to their premium contributions. Staff from the Economics Branch provide the Minister with economic analysis relative to each plan.

8(a) Tripartite-Administration

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	423,800	10.00	623,300	(199,500)	1
TOTAL 8(a)	423,800	10.00	623,300	(199,500)	

Explanation Number:

1. *The variance is mainly the result of:*
   a) *utilization of 2 staff who were paid under the Livestock Development Program instead of Tripartite Administration.*
   b) *budgeted office rent will not be incurred until 1991-92 when the unit moves into a non-government building and begins to pay rent.*

Beef Stabilization Plan

In previous years the Beef Stabilization Plan provided income stability through a voluntary insurance program funded by producers and the Manitoba Government. The income stabilization component of this plan was replaced by the Tripartite Cattle Stabilization Agreement which became effective in Manitoba for feeder and slaughter cattle in October, 1988 and for cow-calf operations in January, 1989.

About 3,500 contracts remained active and in good standing when the plan terminated on June 30, 1989. At that time, deficits in individual producer accounts in good standing were written off and surpluses in accounts in good standing were fully refunded. The Manitoba Beef Commission continued to operate to collect outstanding accounts receivable and to manage the marketing desk. During 1990–91 the last remaining component of this program area, the collection of producer accounts receivable, was transferred from the Commission's administration to the Financial and Administrative Services Branch.

8(b) Beef Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	0		0	0	
TOTAL 8(b)	0		0	0	

Tripartite Cattle Stabilization

The Tripartite Cattle Stabilization Plan provides stabilization payments to participating cattle producers through a voluntary seven year insurance program. The plan is administered by the Manitoba Crop Insurance Corporation.

During 1990-91 the feeder and slaughter cattle prices plans (retroactively effective on October 1, 1988 in Manitoba) and the cow-calf plan (retroactively effective on January 1, 1989) formed the basis of price support to cattle producers. Payouts were triggered by low prices in 1 of 12 months in the slaughter plan, and were not triggered in the feeder plan. No payout was triggered in the cow/calf plan as prices were above the support level. All producers across Canada paid the same premium and received the same level of support per animal enrolled.

Through the plan, Manitoba producers were better able to compete with producers in other provinces in terms of purchasing feeder cattle.

8(c) Tripartite Cattle Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	1,440,600		1,664,000	(223,400)	1
TOTAL 8(c)	1,440,600		1,664,000	(223,400)	

Explanation Number:

1. *The surplus is the result of a reduction in both the premiums for the cow/calf program and the number of cows registered in the program.*

   When the Province joined the Tripartite Cattle Program in 1989, it was to pay twice as much as other provinces in premiums (estimated at $12.00 per head) to adjust for the Province's late entry into the program. After more detailed calculations were made, a $9.00 per head amount was deemed sufficient.

   The number of cows registered was approximately 58,000 head versus the 65,000 estimated. With the program not making payments since its inception, more farmers than originally estimated are not enrolling their expanded herds and are even withdrawing from the program.

Tripartite Hog Stabilization

The Tripartite Hog Stabilization Plan provides stabilization payments to participating hog producers through a voluntary 10 year insurance program. The plan was initiated in 1986 and is administered with the assistance of Manitoba Pork Est.

In 1990-91 the plan was the primary means of price support to hog producers. Payouts were triggered by low prices in one quarter (October to December, 1990). All producers enrolled in the plan received the same level of support per unit of marketed production.

The number of hog production units enrolled in the plan was 2,526.

8(d) Tripartite Hog Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	5,815,600		6,401,700	(586,100)	1
TOTAL 8(d)	5,815,600		6,401,700	(586,100)	

Explanation Number:

1. *The variance was the result of lower volumes stabilized than estimated (1,619,000 head versus 1,800,000 head). Prices have climbed more in the 1990-91 year than was expected. The result of these prices in the marketplace is a desire to increase production. Therefore more stock was kept for breeding vs. slaughter.*

Tripartite Sugar Beet Stabilization

The Tripartite Sugar Beet Stabilization Plan provides stabilization payments to participating sugar beet producers through a voluntary 10 year insurance program. The plan, initiated with the 1987 crop, is administered by the Manitoba Crop Insurance Corporation with the assistance of the Manitoba Sugar Company.

Payouts were triggered because of low prices in the 1987 and 1988 crop years but not in 1989. All producers enrolled in the plan paid the same premium and received the same payout per standard tonne of sugar beets marketed.

The number of sugar beet production units enrolled in the plan was 351.

8(e) Tripartite Sugar Beet Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	462,700		473,600	(10,900)	
TOTAL 8(e)	462,700		473,600	(10,900)	

Tripartite Bean Stabilization

The Tripartite Bean Stabilization Plan provides stabilization payments to participating dry edible bean producers through a voluntary 10 year insurance program. The plan was initiated with the 1987 crop and is administered by the Manitoba Crop Insurance Corporation with assistance from bean dealers operating in Manitoba.

Payouts for white pea beans, kidney beans and cranberry beans were triggered because of low prices in the 1987 crop year. Later higher prices determined that no further payouts be made. Payouts for other coloured beans were triggered in the 1987 and 1989 tripartite year. All producers enrolled in the plan paid the same premium and received the same level of support per tonne of marketed production for each category of beans.

8(f) Tripartite Bean Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	177,600		344,800	(167,200)	1
TOTAL 8(f)	177,600		344,800	(167,200)	

Explanation Number:

1. *The surplus is the result of lower marketings than anticipated. Farmers have withheld their production from the marketplace due to low prices.*
   As an example:
   i) farmers sold 67% of their white bean inventory in 1989-90 and only 20% in 1990-91 and
   ii) farmers sold 83% of their other colored bean inventory in 1989-90 and only 63% in 1990-91.

Tripartite Lamb Stabilization

The Tripartite Lamb Stabilization Plan provides stabilization payments to participating lamb producers through a voluntary seven year insurance program. The plan became effective March 1, 1989 and is administered by the Manitoba Crop Insurance Corporation.

Payouts were triggered due to low prices in all four quarters of the 1990-91 fiscal year. All producers enrolled in the plan paid the same premium and received the same level of support per unit of marketed production.

8(g) Tripartite Lamb Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	13,900		15,500	(1,600)	
TOTAL 8(g)	13,900		15,500	(1,600)	

Tripartite Honey Stabilization

The Tripartite Honey Stabilization Plan provides stabilization payments to participating honey producers through a voluntary insurance program. The plan became effective June 1, 1989 and is administered by the Manitoba Crop Insurance Corporation.

Payouts were triggered due to low prices in the 1988 and 1989 crop years. All 183 producers received the same level of support per pound of honey marketed.

8(h) Tripartite Honey Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	142,500		204,500	(62,000)	1
TOTAL 8(h)	142,500		204,500	(62,000)	

Explanation Number:

1. *The variance was the result of lower volumes stabilized than estimated (13,6 million pounds versus 9.5 million pounds).*

Tripartite Onion Stabilization

The Tripartite Onion Stabilization Plan provides stabilization payments to participating onion producers through a voluntary 10 year insurance program. The plan became effective August 1, 1989.

Payouts were not triggered in the 1989 crop year. All producers enrolled in the plan paid the same premium per 50 lb. bag. There were four production units enrolled in the province.

8(j) Tripartite Onion Stabilization Plan

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	19,400		21,200	(1,800)	
TOTAL 8(j)	19,400		21,200	(1,800)	

Livestock Development Program

This program provides feed assistance payments to cattle and lamb producers to encourage the finishing of slaughter animals in Manitoba. The Livestock Development Program was introduced in response to subsidies in other western provinces. Those subsidies had enabled out-of-province livestock feeders to outbid Manitoba buyers for locally raised calves, yearlings and lambs.

Under the Livestock Development Program producers receive a payment based on the amount of feed needed to raise an animal to market weight. For example, eligible producers receive a payment of $9 per tonne of feed grains. Individuals, partnerships, corporations and cooperatives are eligible to enroll and receive assistance. The program became effective October 1, 1989 and is administered by the Manitoba Crop Insurance Corporation.

The program was initially planned to terminate at the end of the 1990-91 fiscal year. However, it was extended to July 31, 1991 to include marketings of cattle placed on feed during the fall of 1990. For the period of April 1, 1991 to July 31, 1991 the payment to producers was reduced to $6 per tonne.

8(k) Livestock Development Program

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Grants/Transfer Payments	1,266,400		1,569,200	(302,800)	1
TOTAL 8(k)	1,266,400		1,569,200	(302,800)	

Explanation Number:

1. *The surplus is the result of two factors:*
   a) *Not all producers eligible for the program applied for assistance. A strong U.S. market resulted in more feeder vs. slaughter animals. Estimates were made based on 89,448 and only 80,535 animals were eligible.*
   b) *Approximately $130.0 of budgeted Adminisitration was not spent as less producers than projected signed up for the program. Expectations were for 5,000 and approximately 1,800 farmers applied.*

Drug and Semen Purchases

Manitoba Agriculture, through the Veterinary Drug Centre and the Semen Distribution Centre, purchased drugs and semen for resale to veterinarians, cattle producers and A.I. technicians. Through this purchase and resale the department's objective was to improve Manitoba's livestock industry.

The Drug Centre provided Manitoba veterinarians with a complete line of veterinary supplies. Volume purchasing by the Centre effected considerable savings passed on to producers. A 24-hour delivery service to anywhere in the province precluded the need for veterinarians to carry a large inventory of veterinary products. Accordingly, the Centre helped to maintain the viability of rural practices while ensuring that producers received sound veterinary advice on the use of animal drugs. In 1990-91 there was a total expenditure of $8,309,000 for the purchase of semen and veterinary drugs.

The Semen Centre ensured that Manitoba cattle producers had ready access at competitive prices to semen from all major studs in Canada and many parts of the United States.

9 Drug and Semen Purchases

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Other Expenditures	8,309,600		7,290,700	1,018,900	1
TOTAL Vote 9	8,309,600		7,290,700	1,018,900	

Explanation Number:

1. *A special warrant was required to cover the overage in Drug and Semen Purchases that was mainly due to $454.0 in delayed billing and $557.9 for the purchase of additional drugs to meet the unplanned increase in drug sales.*

Manitoba Interest Rate Relief Program

The Manitoba Interest Rate Relief Program — now in its maintenance stage — provided up to $6,000 in grants and a $6,000 matching loan interest free for two years, assisting over 1,200 farmers with approximately $11 million. In addition, these individuals received intensive farm management counselling from regional extension staff.

The program terminated on December 31, 1983 for first time applicants. Accepted first year applicants had up to two years from first approval to apply for second year assistance.

In 1990-91 Manitoba Agriculture provided funds for payment of interest on outstanding loans from the Department of Finance and administrative costs associated with operating the program.

10 Manitoba Interest Rate Relief Program

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Other Expenditures	311,500		1,500,000	(1,188,500)	1
TOTAL Vote 10	311,500		1,500,000	(1,188,500)	

Explanation Number:

1. *The variance is mainly explained by a lower Allowance for Doubtful Accounts expenditure ($1,074.4) than anticipated. The year-end assessment of loan accounts revealed a lower than anticipated number of potentially bad accounts which can be attributed to the field staff's collection efforts during the year.*

Manitoba Interest Rate Assistance Program

The objective of the Manitoba Interest Rate Assistance Program was to assist farmers by reducing their interest rates on operating loans. The program was designed to offset the cost of borrowing from banks, credit unions or caisses populaires. The financial institutions determined loan eligibility and repayment arrangements. Eligibility for the interest subsidy was determined by total cultivated acres declared in the Canadian Wheat Board Permit Book or, for those producers without permit books, by special application.

The Manitoba Interest Rate Assistance Program enabled farmers to receive operating loans at seven percent below regular interest rates. The provincial government was able to offset borrowing rates by providing $14.4 million through financial institutions. This interest rate assistance plan was administered for the 1990 crop year only.

11 Manitoba Interest Rate Assistance Program

Expenditures by Sub-Appropriation	Actual 1990-91 $	Estimate 1990-91 SY	Estimate 1990-91 $	Variance Over (Under)	Expl. No.
— Other Expenditures	14,417,800		23,360,000	(8,942,200)	1
TOTAL Vote 11	14,417,800		23,360,000	(8,942,200)	

Explanation Number:

1. *The program uptake was only 63% of what was expected. There was no historical basis to estimate the number of farmers who would apply.*

Appendix A: Financial Information

Manitoba Agriculture

Expenditure Summary

for the year ended March 31, 1991 with comparative figures for the previous year

Actual 1989-1990	Actual 1990-1991	Increase (Decrease)	Expl. Number	Appropriation	1990-91 Actual	1990-91 Estimate	Variance Over (Under)	Expl. Number
				03-1 Administration and Finance				
$ 20,500	$ 20,500	$ 0		(a) Minister's Salary	$ 20,500	$ 20,600	$ (100)	
				(b) Executive Support:				
391,300	397,600	6,300		(1) Salaries	397,600	383,700	13,900	
120,800	145,300	24,500		(2) Other Expenditures	145,300	122,600	22,700	
176,600	79,600	(97,000)		(3) Policy Studies	79,600	117,900	(38,300)	
				(c) Communications Branch:				
290,200	351,700	61,500		(1) Salaries	351,700	351,000	700	
222,300	168,700	(53,600)		(2) Other Expenditures	168,700	177,100	(8,400)	
				(d) Financial and Administrative Services:				
808,800	802,300	(6,500)		(1) Salaries	802,300	867,900	(65,600)	
97,100	79,400	(17,700)		(2) Other Expenditures	79,400	104,400	(25,000)	*
				(e) Computer Services:				
238,500	274,500	36,000		(1) Salaries	274,500	257,100	17,400	
43,500	47,700	4,200		(2) Other Expenditures	47,700	78,400	(30,700)	*
				(f) Personnel Services:				
189,500	219,700	30,200		(1) Salaries	219,700	248,800	(29,100)	
30,000	26,400	(3,600)		(2) Other Expenditures	26,400	23,600	2,800	
				(g) Program Analysis:				
136,100	227,600	91,500		(1) Salaries	227,600	221,500	6,100	
12,000	10,100	(1,900)		(2) Other Expenditures	10,100	13,500	(3,400)	
				(h) Excess Summerfallow Compensation Program:				
2,900	0	(2,900)		(1) Administration	0	0	0	
813,100	0	(813,100)	1	(2) Assistance Payments	0	0	0	
$ 3,593,200	$ 2,851,100	$ (742,100)		Total 03-1	$ 2,851,100	$ 2,988,100	$ (137,000)	

Appendix A: Financial Information

Manitoba Agriculture

Expenditure Summary (continued)

for the year ended March 31, 1991 with comparative figures for the previous year

Actual 1989-1990	Actual 1990-1991	Increase (Decrease)	Expl. Number	Appropriation	1990-91 Actual	1990-91 Estimate	Variance Over (Under)	Expl. Number
				03-2 Manitoba Crop Insurance Corporation				
$ 6,314,100	$ 3,220,100	$ (3,094,000)	2	(a) Administration	$ 3,220,100	$ 2,604,300	$ 615,800	*
0	20,886,200	20,886,200	3	(b) Premiums	20,886,200	19,000,000	1,886,200	*
246,600	142,300	(104,300)	4	(c) Can-Man Waterfowl Damage	142,300	300,000	(157,700)	*
$ 6,560,700	$24,248,600	$ 17,687,900		Total 03-2	$ 24,248,600	$ 21,904,300	$ 2,344,300	
$ 9,172,200	$ 8,318,200	$ (854,000)	5	**03-3 Manitoba Agricultural Credit Corporation**	$ 8,318,200	$ 15,310,800	$ (6,992,600)	*
$ 9,172,200	$ 8,318,200	$ (854,000)		Total 03-3	$ 8,318,200	$ 15,310,800	$ (6,992,600)	
				03-4 Agricultural Development and Marketing Division				
				(a) Administration:				
$ 95,700	$ 99,400	$ 3,700		(1) Salaries	$ 99,400	$ 98,600	$ 800	
12,300	11,600	(700)		(2) Other Expenditures	11,600	7,900	3,700	*
				(b) Animal Industry Branch:				
1,620,200	1,625,300	5,100		(1) Salaries	1,625,300	1,658,100	(32,800)	
545,600	538,200	(7,400)		(2) Other Expenditures	538,200	592,100	(53,900)	
				(c) Veterinary Services Branch:				
1,498,000	1,511,800	13,800		(1) Salaries	1,511,800	1,482,600	29,200	
1,095,800	1,279,300	183,500		(2) Other Expenditures	1,279,300	1,176,300	103,000	*
				(d) Soils and Crops Branch:				
2,066,700	2,058,500	(8,200)		(1) Salaries	2,058,500	2,014,600	43,900	*
1,202,800	1,243,600	40,800		(2) Other Expenditures	1,243,600	1,196,200	47,400	*
				(e) Technical and Training Branch:				
1,815,600	1,913,900	98,300		(1) Salaries	1,913,900	1,961,000	(47,100)	
1,213,500	1,154,500	(59,000)		(2) Other Expenditures	1,154,500	1,216,600	(62,100)	
527,900	524,000	(3,900)		(3) Agricultural Societies	524,000	531,200	(7,200)	
686,000	0	(686,000)	6	(4) Commercial Beekeepers	0	0	0	
				(f) Marketing Branch:				
239,900	273,100	33,200		(1) Salaries	273,100	295,700	(22,600)	
265,700	282,700	17,000		(2) Other Expenditures	282,700	298,600	(15,900)	
$12,885,700	$12,515,900	$ (369,800)		Total 03-4	$ 12,515,900	$ 12,529,500	$ (13,600)	

Appendix A: Financial Information

Manitoba Agriculture

Expenditure Summary (continued)

for the year ended March 31, 1991 with comparative figures for the previous year

Actual 1989-1990	Actual 1990-1991	Increase (Decrease)	Expl. Number	Appropriation	1990-91 Actual	1990-91 Estimate	Variance Over (Under)	Expl. Number
				03-5 Regional Agricultural Services Division				
$ 1,270,900	$ 1,382,900	$ 112,000		(a) Northwest Region:				
320,400	365,000	44,600		(1) Salaries	$ 1,382,900	$ 1,385,100	$ (2,200)	
				(2) Other Expenditures	365,000	364,300	700	
1,691,200	1,801,900	110,700		(b) Southwest Region:				
340,700	334,200	(6,500)		(1) Salaries	1,801,900	1,777,400	24,500	
				(2) Other Expenditures	334,200	352,000	(17,800)	
1,799,400	1,889,700	90,300		(c) Central Region:				
334,700	363,000	28,300		(1) Salaries	1,889,700	1,850,700	39,000	
				(2) Other Expenditures	363,000	357,300	5,700	
1,113,100	1,107,500	(5,600)		(d) Eastern Region:				
225,800	226,100	300		(1) Salaries	1,107,500	1,213,700	(106,200)	
				(2) Other Expenditures	226,100	260,100	(34,000)	
1,260,500	1,326,400	65,900		(e) Interlake Region:				
301,600	294,100	(7,500)		(1) Salaries	1,326,400	1,378,700	(52,300)	
				(2) Other Expenditures	294,100	311,300	(17,200)	
1,337,400	1,385,500	48,100		(f) Agricultural Crown Lands Branch:				
503,900	576,000	72,100		(1) Salaries	1,385,500	1,380,700	4,800	
				(2) Other Expenditures	576,000	678,100	(102,100)	
$ 10,499,600	11,052,300	$ 552,700		Total 03-5	$ 11,052,300	$ 11,309,400	$ (257,100)	

Appendix A: Financial Information

Manitoba Agriculture

Expenditure Summary (continued)

for the year ended March 31, 1991 with comparative figures for the previous year

Actual 1989-1990	Actual 1990-1991	Increase (Decrease)	Expl. Number	Appropriation	1990-91 Actual	1990-91 Estimate	Variance Over (Under)	Expl. Number
				03-6 Policy and Economics Division				
$ 91,400	$ 99,300	$ 7,900		(a) Administration:				
15,200	19,500	4,300		(1) Salaries	$ 99,300	$ 98,600	$ 700	
				(2) Other Expenditures	19,500	15,900	3,600	
555,400	574,600	19,200		(b) Economics Branch:				
105,700	102,300	(3,400)		(1) Salaries	574,600	638,700	(64,100)	
				(2) Other Expenditures	102,300	122,900	(20,600)	*
134,600	142,900	8,300		(c) Natural Products Marketing Council:				
38,600	31,100	(7,500)		(1) Salaries	142,900	164,000	(21,100)	
32,400	29,100	(3,300)		(2) Other Expenditures	31,100	40,200	(9,100)	*
				(d) Milk Prices Review Commission	29,100	29,900	(800)	
101,700	116,100	14,400		(e) Manitoba Farm Lands Ownership Board:				
45,100	53,300	8,200		(1) Salaries	116,100	104,100	12,000	
875,500	875,500	0		(2) Other Expenditures	53,300	33,700	19,600	*
				(f) Agricultural Research	875,500	875,500	0	
235,200	252,100	16,900		(g) Manitoba Farm Mediation Board:				
617,700	432,400	(185,300)	7	(1) Salaries	252,100	249,700	2,400	
5,400	500	(4,900)		(2) Other Expenditures	432,400	500,900	(68,500)	*
				(h) Certification Agency	500	15,000	(14,500)	*
$ 2,853,900	$ 2,728,700	$ (125,200)		Total 03-6	$ 2,728,700	$ 2,889,100	$ (160,400)	
$ 1,421,700	$ 999,800	$ (421,900)	8	**03-7 Federal-Provincial Agreements**				
50,700	864,600	813,900	9	(a) Agri-Food Agreement	$ 999,800	$ 1,000,000	$ (200)	
0	(10,000)	(10,000)		(b) Soil Conservation Agreement	864,600	1,160,000	(295,400)	*
				(c) Environmental Innovation Recovery	(10,000)	0	(10,000)	*
$ 1,472,400	$ 1,854,400	$ 382,000		Total 03-7	$ 1,854,400	$ 2,160,000	$ (305,600)	

Appendix A: Financial Information

Manitoba Agriculture

Expenditure Summary (continued)

for the year ended March 31, 1991 with comparative figures for the previous year

Actual 1989-1990	Actual 1990-1991	Increase (Decrease)	Expl. Number	Appropriation	1990-91 Actual	1990-91 Estimate	Variance Over (Under)	Expl. Number
				03-8 Income Insurance and Support Program				
$ 400,300	$ 423,800	$ 23,500		(a) Administration	$ 423,800	$ 623,300	$ (199,500)	*
1,638,100	0	(1,638,100)	10	(b) Beef Stabilization Plan	0	0	0	
2,391,800	1,440,600	(951,200)	11	(c) Tripartite Cattle Stabilization Plan	1,440,600	1,664,000	(223,400)	*
6,154,000	5,815,600	(338,400)		(d) Tripartite Hog Stabilization Plan	5,815,600	6,401,700	(586,100)	*
337,300	462,700	125,400		(e) Tripartite Sugar Beet Stabilization Plan	462,700	473,600	(10,900)	
100,400	177,600	77,200		(f) Tripartite Bean Stabilization Plan	177,600	344,800	(167,200)	*
15,700	13,900	(1,800)		(g) Tripartite Lamb Stabilization Plan	13,900	15,500	(1,600)	
144,800	142,500	(2,300)		(h) Tripartite Honey Stabilization Plan	142,500	204,500	(62,000)	*
0	19,400	19,400		(j) Tripartite Onion Stabilization Plan	19,400	21,200	(1,800)	
238,100	1,266,400	1,028,300	12	(k) Livestock Development	1,266,400	1,569,200	(302,800)	*
$ 11,420,50	$ 9,762,500	$ (1,658,000)		Total 03-8	$ 9,762,500	$ 11,317,800	$ (1,555,300)	
$ 7,247,800	$ 8,309,600	$ 1,061,800	13	**03-9 Drugs and Semen Purchases**	$ 8,309,600	$ 7,290,700	$ 1,018,900	
$ 7,247,800	$ 8,309,600	$ 1,061,800		Total 03-9	$ 8,309,600	$ 7,290,700	$ 1,018,900	*
$ 784,000	$ 311,500	$ (472,500)	14	**03-10 Emergency Interest Rate Relief Program**	$ 311,500	$ 1,500,000	$ (1,188,500)	
$ 784,000	$ 311,500	$ (472,500)		Total 03-10	$ 311,500	$ 1,500,000	$ (1,188,500)	*
$ 0	$ 14,417,800	$ 14,417,800	15	**03-11 Manitoba Interest Rate Assistance Program**	$ 14,417,800	$ 23,360,000	$ (8,942,200)	
$ 0	$ 14,417,800	$ 14,417,800		Total 03-11	$ 14,417,800	$ 23,360,000	$ (8,942,200)	*
$66,490,000	$96,370,600	$ 29,880,600		**TOTAL: DEPARTMENT OF AGRICULTURE**	$ 96,370,600	$ 112,559,700	$ (16,189,100)	

*Explanations for these variances can be found in the respective subappropriation detail.

Explanation Number:

1. *The increase is the result of a non-recurring Excess Summerfallow Compensation Program in 1989-90. No such program existed in 1990-91.*

2. *Beginning in the 1990-91 fiscal year the Federal Government paid 50% of the Manitoba Crop Insurance Corporation administration costs. During 1989-90 the Province was responsible for 100% of administration costs.*

3. *Under the terms of a new Federal/Provincial Agreement beginning April 1, 1990, the Province is responsible for 25% of total Manitoba Crop Insurance premiums. During 1989-90 the Province was not responsible for any premium costs.*

4. *The reduction in Waterfowl Compensation payments is the result of less damage and a reduced number of claims due to favorable weather condition and an earlier harvest.*

5. *The ($854.0) decrease in Manitoba Agricultural Credit Corporation is mainly the net of:*

   a) *($2,148.8) decrease in the required Allowance for Doubtful Accounts. A large number of accounts with poor payment records were dealt with in 1989-90.*

   b) *$498.1 increase in Net Interest as holdings from foreclosures are increasing.*

   c) *$232.4 increase in Young Farmer Rebate program continues as more farmers took advantage of the program changes started in 1989-90 (ie. increased loan balance to which Y.F.R. applies and the inclusion of Intermediate loans with terms of 5-10 years).*

   d) *$352.3 increase in Administration is a result of:*
      i) *less vacancies;*
      ii) *decentralization and;*
      iii) *general inflationary increases.*

6. *A one-time grant payment to Commercial Beekeepers was made in 1989-90.*

7. *The Manitoba Farm Mediation Board continues cost savings through its joint arrangement with the Federal Debt Review Board. Also the Board continues streamlining activities and with more experience has increased efficiency.*

8. *The reduction in Agri-Food Agreement expenditure is the result of two factors:*

   a) *approximately $250.0 of Soil Conservation Activities under Agri-Food were shifted to the new "Soil Conservation" program and;*

   b) *with the December 31, 1990 program termination date, there was some planned expiry of activities. (Note: an extended Agri-Food Agreement was made for the 1991-92 year, for limited programs).*

9. *The increase in Soil Conservation is the result of commencing activities under the Agreement in April, 1990. The agreement was not signed until August 2, 1989. Most of the Conservation Specialists (dedicated staff) were appointed after January 1, 1990 and 39 out of the 44 contracts with the Local Organizations were effective after April 1, 1990.*

10. *Beef Stabilization Program terminated in 1989-90. The Tripartite Cattle Stabilization Program replaced the Beef Stabilization Plan.*

Explanation Number (continued):

11. *Decrease in Tripartite Cattle Stabilization is the result of two factors:*

    a) *Reduction in the number of cows registered in the program. With no payments from the plan since its inception, farmers have not been signing up their expanding herds and some are even withdrawing from the program. Cattle in the cow/calf part of the plan for example have dropped from 64,500 in 1989-90 to 58,000 in 1990-91.*

    b) *The 1989-90 fiscal year was the first year the Province joined the Cattle Tripartite Program. With a retro-active period of October/December 1988, more than one year's activities were paid in 1989-90.*

12. *The 1989-90 fiscal year's actuals for the Livestock Development Program relate to expenses incurred from October 1, 1989 to December 31, 1989 are for one quarter only. Payments for the first quarter of 1990 were made after April 1, 1990. The 1990-91 figure represents four quarters of payments.*

13. *This increase in Drugs and Semen purchases resulted from a carryover of $461.0 in delayed billings to the 1990-91 fiscal year and an average increase in drug sales.*

14. *As the Emergency Interest Rate Relief Program winds down less funds are required for Allowance for Doubtful Accounts and Interest expenditures. The majority of this decrease is identified with the charge to Allowance for Doubtful Accounts which is $311,000 lower than the previous year mainly because the number of potentially bad accounts at March 31 are significantly lower this year.*

15. *The Manitoba Interest Rate Assistance Program was a new program established for 1990-91.*

Appendix A: Financial Information

Manitoba Agriculture

Revenue Summary By Source

for the year ended March 31, 1991 with comparative figures for the previous fiscal year

Actual 1989-1990	Actual 1990-1991	Increase (Decrease)	Expl. Number	Source	1990-91 Actual	1990-91 Estimate	Variance Over (Under)	Expl. Number
				CURRENT OPERATING PROGRAMS:				
				Other Revenue:				
$ 282,700	$ 242,800	$ (39,900)		(a) Emergency Interest Rate Relief	$ 242,800	$ 200,000	$ 42,800	
1,933,500	2,138,600	205,100	1	(b) Fees	2,138,600	2,125,300	13,300	
8,781,400	9,526,300	744,900	2	(c) Sundry	9,526,300	8,241,800	1,284,500	5
$10,997,600	$11,907,700	$ 910,100		Sub-Total	$ 11,907,700	$ 10,567,100	$ 1,340,600	
				Government of Canada:				
$ 123,300	$ 71,100	$ (52,200)	3	(a) Waterfowl Compensation	$ 71,100	$ 150,000	$ (78,900)	3
2,000	2,000	0		(b) Rabies Indemnity	2,000	3,200	(1,200)	
23,800	25,200	1,400		(c) 4-H and Youth	25,200	23,800	1,400	
2,000	(800)	(2,800)		(d) Agricultural Manpower	(800)	5,000	(5,800)	
20,200	18,800	(1,400)		(e) Toronto Royal Freight	18,800	18,700	100	
418,200	0	(418,200)	4	(f) Excess Summerfallow Compensation Program	0	0	0	
$ 589,500	$ 116,300	$ (473,200)		Sub-Total	$ 116,300	$ 200,700	$ (84,400)	
$11,587,100	$12,024,000	$ 436,900		Total Current Operating Programs	$ 12,024,000	$ 10,767,800	$ 1,256,200	
$ 0	$ 0	$ 0		REVENUES RELATED TO CAPITAL:	$ 0	$ 0	$ 0	
$11,587,100	$12,024,000	$ 436,900		Total Revenue	$ 12,024,000	$ 10,767,800	$ 1,256,200	

Explanation Number

1. *The Fees increase is mainly the result of two factors:*

   a) *An approved increase in the Animal Unit Month rate for Lease Rentals in Agricultural Crown Lands (which is calculated yearly taking into consideration several factors such as grain prices, administrative costs, etc.) accounts for $123.1.*

Explanation Number (continued)

b) Feed Analysis rates have increased but the main reason is a $100.0 increase in charges for Manitoba Crop Insurance forage samples due to the expiry of an agreement which saw free sample testing in return for equipment.

Note: Included in the actuals and estimates of 1990-91 were fee changes implemented throughout the year.

i) Feed Analysis fees as follows (effective July 1, 1990):
Grain — from $15.00 to $18.00
Mixed Feeds — from $16.00 to $20.00
Roughage — from $21.00 to $26.00;

ii) Veterinary Medical Act annual registration from $25.00 to $35.00 (effective January 1, 1990);

iiii) Veterinary Diagnostic Fees by schedule increased an average of 5% to increase expected revenue by $25,000.00 (effective February 14, 1991).

2. The increase is mainly the net result of three factors:

a) An increase of 12.4% in revenue ($1,059.3) for the Drug Centre resulted from a usual increase in annual sales. The increase was supported by the introduction of delayed billing in the fall of 1989. The positive effects of changing to delayed billing have been felt for a whole year in 1990-91 vs. only a half in 1989-90.

b) A decrease in revenue of 25.7% ($199.4) for the Semen Centre resulted from increased competitive pressure from the private studs such as Western Breeders Service who provided on farm service and increased coverage of the Province.

c) A decrease in revenue in the Agricultural Extension Centre Facilities ($71.3) was due to the unexpected and non-recurring Room and Meal Sales re: Northern Fire Evacuees in 1989-90.

Note: Included in the actuals and estimates of 1990-91 were sundry rate changes implemented throughout the year.

i) Agricultural Extension Centre, Brandon Facilities rates changed from a flat $5.00 to a varied $5.00, $10.00 or more depending on the nature of the course (effective October 1, 1990)

ii) Agricultural Extension Centre, Brandon Facilities rates by schedule changed to increase expected revenue by $5,000.00 (effective September 1, 1990)

iii) Manitoba Markets Weekly Report annual subscription increased from $33.60 to $34.80 (effective January 1, 1991).

3. With less incidence of waterfowl damage due to favorable weather conditions, the Federal Recovery of this 50/50 cost sharing program is consequently reduced.

4. The Excess Summerfallow Compensation Program was a one year program for 1989-90.

5. The variance is mainly the net result of three factors:

a) The 1990-91 Drug Purchasing estimate was based on the approved expenditure level which was based on no increases in demand. The result though was an average growth in sales and therefore a variance in actuals over estimate. The average growth plus revenue associated with delayed billing resulted in the increase of 23.2% ($1,611.0) over the printed estimate.

b) Sales were less than anticipated in Semen Purchases ($243.5) as a result of continued increasing competition from the private sector.

c) The Agricultural Extension Centre Facilities variance under estimate ($40.9) was due to the general slowdown of meetings being booked by the centre, especially those meetings which would have been held over more than one day. The reduction is the result of fiscal restraint in a depressed economy.

Appendix B: Historical Information

Manitoba Agriculture

Five-Year Expenditure and Staffing Summary by Appropriation ($000)

for years ending March 31, 1987 — March 31, 1991

		Actual/*Adjusted Expenditures									
		1986-87		1987-88		1988-89		1989-90		1990-91	
Appropriation		SY	$	SY	$	SY	$	SY	$	SY	$
03-1	Administration and Finance	59.20	2,397.7	63.20	2,882.6	58.20	2,737.9	58.20	3,593.2	57.20	2,851.1
03-2	Manitoba Crop Insurance Corporation	85.00	5,372.8	80.26	4,467.7	80.26	5,666.7	80.00	6,560.7	80.00	24,248.6
03-3	Manitoba Agricultural Credit Corporation	54.00	7,542.6	55.00	14,974.2	55.00	10,382.2	55.00	9,172.2	55.00	8,318.2
03-4	Agriculture Development and Marketing	205.10	11,214.5	208.20	11,676.9	203.20	14,395.9	191.36	12,885.7	197.20	12,515.9
03-5	Regional Agricultural Services	224.50	9,703.1	224.45	9,952.7	214.45	10,140.9	211.19	10,499.6	228.19	11,052.3
03-6	Policy and Economics Division	23.00	1,944.2	30.00	2,350.7	28.00	2,909.6	29.10	2,853.9	28.00	2,728.7
03-7	Federal-Provincial Agreements	—	1,301.5	—	1,373.1	—	1,337.5	—	1,472.4	—	1,854.4
03-8	Income Insurance and Support Fund	0.00	14,144.7	0.00	2,345.6	0.00	5,065.9	8.00	11,420.5	8.00	9,762.5
03-9	Drug and Semen Purchases	—.	6,147.2	—	6,848.5	—	6,287.9	—	7,247.8	—	8,309.6
03-10	Emergency Interest Rate Relief Program	—	1,036.5	—	1,721.9	—	1,350.0	—	784.0	—	311.5
03-11	Manitoba Interest Rate Assistance Program	—	0.00	—	0.00	—	0.00	—	0.00	—	14,417.8
03-12	Emergency Drought Relief Program	—	0.00	—	0.00	—	16,958.0	—	0.00	—	0.00
Total: Department of Agriculture		651.28	60,804.8	662.07	58,593.9	640.07	77,232.5	633.33	66,490.0	654.07	96,370.6

* *Adjusted figures reflect historical data on a comparable basis in those appropriations affected by a re-organization, during the years under review.*

Note: *Agriculture Marketing and Development — Northern Development Agreement Canada/Manitoba — Federal/Provincial Agreement are adjusted to display voted authority by including the enabling vote.*
Education Tax Reduction Program — Transfer of responsibility for the Education Tax Reduction Program from Manitoba Agriculture to Department of Education in 1990-91. Past actuals for this program are now included in the Department of Education vs. Agriculture.

Appendix C: Reconciliation Statement

Details	1990-91 Estimates
1990-91 MAIN ESTIMATES	$ 112,127,700
ALLOCATION OF FUNDS FROM: — Canada-Manitoba Enabling Vote	432,000
1990-91 Estimate	$ 112,559,700

Appendix D: Statutory Responsibilities of the Minister of Agriculture

The Agriculture Credit Corporation Act	A 10
The Agricultural Producers Organization Funding Act	A 18
The Agricultural Productivity Council Act	A 20
The Agricultural Societies Act	A 30
The Department of Agriculture Act	A 40
The Agrologists Act	A 50
The Animal Diseases Act	A 85
The Animal Husbandry Act (except Parts I, II and IV)	A 90
The Bee Act	B 15
The Bee Keepers Act	B 20
The Cattle Producers Association Act	C 25
The Coarse Grain Marketing Control Act	C 140
The Crop Insurance Act	C 310
The Crown Lands Act [Sections 6, 7, 10, 12(1), 14, 16, 17, 18, 21, 23, 24 to 28 both inclusive, insofar as any relate to the administration of Crown Lands which may be designated by the Minister of Natural Resources as Agricultural Crown Lands, and Agriculture Crown Lands Grazing and Hay Permits Regulation (Manitoba Revised Regulation 288/88) and Forage Leases Regulation (46/88 R)]	C 340
The Dairy Act	D 10
The Family Farm Protection Act	F 15
The Farm Income Assurance Plans Act	F 30
The Farm Lands Ownership Act	F 35
The Farm Machinery and Equipment Act	F 40
The Fruit and Vegetable Sales Act	F 180
The Horse Racing Regulation Act	H 100
The Horticultural Society Act	H 110
The Land Rehabilitation Act	L 50
The Livestock and Livestock Products Act	L 170
The Margarine Act	M 30
The Milk Prices Review Act	M 130
The Natural Products Marketing Act	N 20
The Noxious Weeds Act	N 110
The Pesticides and Fertilizers Control Act	P 40
The Plant Pests and Diseases Act	P 90
The Community Seed Cleaning Act	S 70
The Seed and Fodder Relief Act	S 80
The Veterinary Medical Act	V 30
The Veterinary Science Scholarship Fund Act	V 40
The Veterinary Services Act	V 50
The Wildlife Act [Section 89(e) as it applies to compensation for damage to crops caused by wildlife as it pertains to migratory waterfowl]	W 130
The Women's Institutes Act	W 180